

# START

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**Meeting Minutes Transmittal/Approval  
 Tri-Party Agreement Milestone Review Meeting  
 EPA Conference Room  
 Richland, Washington  
 July 6, 1994**



From/ Appvl.: *Patrick W. Willison* Date: 8-9-94  
 Patrick W. Willison, RL (A4-52)  
 Hanford Project Manager

Appvl.: *Douglas R. Sherwood* Date: 5/2/94  
 Douglas R. Sherwood, EPA (B5-01)  
 Hanford Project Manager

Appvl.: *Roger Stanley* Date: 8/8/94  
 Roger Stanley, Ecology  
 Director, Tri-Party Agreement Implementation

Prepared by *F. T. Calapristi* Date: 8/9/94  
 Appvl.: Frank T. Calapristi  
 Westinghouse Hanford Company

### DISTRIBUTION

Arnold, LD	WHC	B2-35	Joyce, SM	WHC	H4-19
Atwood, J	ECO	N1-05	Kautzky, JD	RL	A5-04
Augustenborg, JM	RL	R3-80	Kramer, OS	WHC	B2-35
Bell, ML	WHC	T6-16	McCargar	WHC	B4-54
Britton, MK	WHC	B4-54	Moller, RL	WHC	R2-10
Bryson, DC	RL	R3-80	Morrison, RD	WHC	B2-35
Bullard, SE	RL	A7-27	Murphy JP	RL	A7-27
Calapristi, FT	WHC	B2-35	Nylander, D	ECO	N1-05
Clark, CE	RL	A5-15	Price, SM	WHC	H6-23
Edwards, WF	RL	R3-73	Rutherford, WA	RL	A5-04
Einan, DR	EPA	B5-01	Seymour, J	RL	S7-55
Frick, DC	WHC	R2-10	Sherwood, DR	EPA	B5-01
Godfrey, SD	WHC	B2-35	Stanley, R	ECO	Olympia
Greager, EM	WHC	H6-30	Thompson, RR	WHC	H6-32
Guercia, RF	RL	S7-55	Waite, JL	WHC	B2-35
Hennig, JM	RL	R3-80	Walker, PJ	MACTC	A7-27
Holmes, JJ	WHC	L5-55	Wells, MW	WHC	R2-75
Jackson, GW	WHC	H6-21	Willison, PW	RL	A4-52
			EPIC	WHC	H6-08

1. **Data Management (M-35-00)**

The presentation (Attachment 1) was made by John Murphy of DOE-RL. The schedule of M-35-00 interim milestones was presented with no comments received. Planned actions and milestone exceptions were next presented with no comments.

Under Issues, a concern was expressed regarding feedback of information from the regulatory agencies. Dave Nylander of Ecology and John Murphy of RL discussed some of the correspondence requiring information from or action by the regulatory agencies, and clarified some needs. Dave Nylander asked that future Data Management correspondence be transmitted to him with copies to Dave Lundstrom and Steve Alexander of the Ecology Kennewick office.

PJ Walker (MACTEC) discussed the possibility of shifting some scope of milestone M-35-03 to better sequence the required actions. These shifts will not result in delays to the activities required. A formal change request will be prepared and submitted to the regulatory agencies.

2. **TWRS Critical Path Schedule Database**

Bill Edwards (DOE-RL) provided the presentation for the Tank Waste Remediation System (TWRS) critical path implementation (Attachment 2). It was stated that the first trial run for two program elements (Tank Upgrades and Retrieval) is planned for July 7, 1994.

Bill Edwards stated that after the critical path schedule is laid out we will discover that numerous milestone changes will probably be necessary.

Roger Stanley (Ecology) questioned whether outside expertise was being utilized in developing the implementation plan process and asked that this be considered as the work progresses. Roger Stanley further expressed concern regarding the management of the Tri-Party Agreement (baseline and change control) under the critical path methodology.

3. **Lab Hot Cell Expansion (M-11-00)**

The Lab Hot Cell Expansion presentation was made by Paula Clark of the DOE-RL (Attachment 3).

Roger Stanley stated that there are questions within his agency as to whether the milestone has been met. Paula Clark responded that the seven cells have been provided as previously outlined and the throughout capability has been doubled. Sample preparation had been the critical pinch point and the seven cells will be equipped when needs are better known and it is appropriate to do so.

Roger Stanley requested a package of background material on this milestone be provided to Ecology.

4. Low Level Lab (M-14-00)

The presentation was provided by Paula Clark of the DOE-RL (Attachment 4).

June Hennig reported for information purposes, that sample loads will not be as great as previously projected and the DOE is concerned that the contract with TMA/Weston may not be necessary. June also stated we have some legal issues because the Request for Proposal specified three contracts would be established.

5. Groundwater Wells (M-24-00)

The presentation was made by Dana Bryson of the DOE-RL (Attachment 5). Roger Stanley discussed whether the contractor or the DOE is signing the Program Managers Assessments. June Hennig agreed that the DOE should sign the assessments but only after the DOE agrees with the data contained in the report. The DOE is working to assure that DOE approval is handled consistently.

Roger Stanley stated that per previous discussion, a special box would be included for DOE comments on the assessment. June Hennig responded that the DOE will sign the assessments but simply need to establish the proper format for doing this and we must be consistent for the site.

6. WRAP I (M-18-00)

The presentation was made by Rudy Guercia of the DOE RL (Attachment 6). No comments or issues were identified.

7. WRAP II (M-19-00)

The presentation was made by Rudy Guercia of the DOE RL (Attachment 6). Roger Stanley asked if M-19-00 was really in jeopardy. Rudy Guercia responded that schedule delays from the late receipt of KD-1 can be successfully recovered.

Steve Godfrey discussed recent M-19-00 submittal regarding the deletion of change request M-19-91-01 and the transmittal of change request M-19-94-01. Additionally, it was noted that the DOE will be providing Ecology with a letter concerning the approval of change request M-19-94-01.

8. LDR Plan (M-26-01)

The presentation was made by Rudy Guercia of the DOE-RL (Attachment 7). Rudy Guercia reported that page 5 (of Attachment 7 regarding newly generated low level mixed waste) responds to a past action item requested by Doug Sherwood (EPA). It was noted that these figures do not include wastes to be sent to the Environmental Restoration Disposal Facility (ERDF). Roger Stanley also expressed some concerns regarding the need for waste volume projections for facilities to be Decommissioned and Decontaminated.

0290-982116  
9/13/95-0650

9. **Change Package / Solid Waste Facilities (M-33-00)**

The presentation was made by Jim Kautzky of the DOE-RL (Attachment 8). Roger Stanley initiated a discussion concerning review periods that would be available in developing the Recommended Preferred Alternatives due on January 30, 1995. George Jackson responded that the process will be one with involvement of stakeholders early on; perhaps beginning in the August/September time frame.

Steve Godfrey expressed the need to assign EPA and DOE unit managers for the M-33-00 activities, so that work could progress at the unit manager level.

Roger Stanley asked "with Systems Engineering and what we know about TWRS and funding profiles has anyone looked at the potential funding requirements we are talking about here"? George Jackson responded that until the study is completed and compared to what is already planned we don't know what will be required. Currently we have not identified any major impacts to cleanup efforts which would result from M-33-00 facilities not being funded.

10. **Part B and Closure Plans (M-20-00)**

The presentation was made by Cliff Clark of the DOE RL (Attachment 9). Roger Stanley cited a March 14 letter from Ecology regarding development of a PUREX/UO3 regulatory compliance approach and asked if a DOE response has been made to Ecology. A revised Part A will most likely be needed reflecting the addition of some regulated units. Cliff Clark responded that it was not known if a direct response is in the works however, we will be asking those questions regarding other possible regulated units which are appropriate to be included in the Part A.

Roger Stanley asked if the DOE has been looking at the interface between the site wide permit and the Tri-Party Agreement. Cliff Clark responded that they were but that DOE has one concern in the area of schedules. The DOE would like to keep M-20-00 schedules within the Tri-Party Agreement as opposed to placing them in the Permit.

Cliff Clark also stated that the DOE is evaluating the 340 Complex compliance questions and will be working with Ecology on this issue.

11. **Waste Tanks / Corrective Actions (M-32-00)**

The Presentation was made by Jack Waite of WHC (Attachment 10). The presentation noted that an Ecology dedicated unit manager for the M-32-00 activities is needed. Roger Stanley responded that Julie Atwood should be contacted regarding this assignment.

1590-582116

**AGENDA**  
**TRI-PARTY AGREEMENT MAJOR MILESTONE MANAGEMENT REVIEW**

**WEDNESDAY, JULY 6, 1994**

**EPA CONFERENCE ROOM  
 MEDICAL DENTAL CENTER**

<u>TIME</u>	<u>MILESTONE</u>	<u>TITLE</u>	<u>RL DIVISION DIRECTOR</u>	<u>LEVEL 2/3 MGR .</u>	<u>PRESENTER</u>
8:00 am		CRITICAL PATH SCHEDULE DATABASE	K. W. Bracken	M. W. Wells	W. F. Edwards
8:30 am	M-35-00	DATA MANAGEMENT	M. B. Hitt	M. K. Britton	S. E. Bullard
9:00 am	M-11-00	LAB HOT CELL EXPANSION	J. M. Hennig	J. R. Kelly	R. P. Carter
	M-14-00	LOW LEVEL LAB	J. M. Hennig	C. R. Stroup	R. P. Carter
9:45 am	M-24-00	GROUNDWATER WELLS	J. M. Hennig	R. R. Thompson	M. J. Furman
10:00 am		BREAK			
10:15 am	M-18-00	WRAP I	J. M. Hennig	R. J. Roberts	R. M. Gordon
	M-19-00	WRAP II	J. M. Hennig	R. J. Roberts	D. W. Claussen
	M-26-01	LDR PLAN	J. M. Hennig	W. T. Dixon	D. W. Claussen
10:45 am	M-33-00	CHANGE PKG./SW FACILITIES	J. M. Hennig	G. W. Jackson	J. D. Kautzky
11:15 am	M-20-00	PART B AND CLOSURE PLANS	J. D. Bauer	S. M. Price	C. E. Clark
11:45 pm	M-32-00	WASTE TANKS/CORRECTIVE ACT'N	J. D. Bauer	B. G. Erlandson	P. J. Krupin
12:00 pm		ADJOURN			

ATTENDEES

TPA MILESTONE MANAGEMENT REVIEW

JULY 6, 1994

EPA CONFERENCE ROOM  
MEDICAL DENTAL CENTER

<u>NAME</u>	<u>ORGANIZATION</u>	<u>MAILSTOP</u>
<u>RON MORRISON</u>	<u>WHC / TPA</u>	<u>B2-35</u>
<u>LARRY ARNOLD</u>	<u>WHC / TPA I</u>	<u>B2-35</u>
<u>Jay Augustenberg</u>	<u>RI WMD</u>	
<u>DAVE NYLANDER</u>	<u>Ecology</u>	<u>N1-05</u>
<u>Julie Atwood</u>	<u>Ecology</u>	<u>N1-05</u>
<u>Ray Moller</u>	<u>WHC / TWRS</u>	
<u>Sue McCargar</u> (for Mary Kay Britton)	<u>WHC / DSA</u>	<u>B4-54</u>
<u>Bill Edwards</u>	<u>DOE / RL</u>	
<u>Dave Einar</u>	<u>EPA</u>	<u>B5-01</u>
<u>DON FRICK</u>	<u>WHC / TWRS</u>	
<u>B Walker</u>	<u>Mactec</u>	<u>A7-27</u>
<u>JOHN MURPHY</u>	<u>DOE / RL</u>	<u>A7-27</u>
<u>OWEN KRAMER</u>	<u>WHC / TPA</u>	<u>B2-35</u>
<u>ROGER Stanley</u>	<u>Ecology</u>	

93285-0655

ATTENDEES

TPA MILESTONE MANAGEMENT REVIEW

JULY 6, 1994

EPA CONFERENCE ROOM  
MEDICAL DENTAL CENTER

<u>NAME</u>	<u>ORGANIZATION</u>	<u>MAILSTOP</u>
<u>STEVEN M. JONES</u>	<u>WHC - ANALYTICAL SERVICES</u>	<u>H4-19</u>
<u>Patrick William</u>	<u>DOE-RL</u>	<u>A4-52</u>
<u>June M. Healey</u>	<u>DOE-RL</u>	
<u>R. Rex Thompson</u>	<u>WHC - ROM</u>	<u>H6-32</u>
<u>Julie Atwood</u>	<u>Ecology</u>	
<u>Jay Augustenberg</u>	<u>DOE - RL/WMD</u>	
<u>DANA RYSON - ADM</u>	<u>DOE/RL</u>	
<u>Steve Godfrey</u>	<u>WHC - TPA</u>	<u>B2-35</u>
<u>Julie Seymour</u>	<u>DOE</u>	<u>S7-55</u>
<u>Rody Guercia</u>	<u>RL/WMD</u>	<u>S7-55</u>
<u>GEORGE JACKSON</u>	<u>WHC</u>	<u>H6-21</u>
<u>Jim Holmes</u>	<u>WHC</u>	<u>M5/55</u>
<u>Jim Kautzberg</u>	<u>RL</u>	<u>A5-04</u>

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**Westinghouse Hanford Company  
PROGRAM MILESTONE REVIEW**

PROGRAM

**WHC DATA MANAGEMENT**

**6.4.8.2**

**M. K. BRITTON, WHC/DSA  
Phone: 376-2448**

**S. E. BULLARD, DOE-RL  
Phone: 376-8275**

**JULY 1994**

SITE MANAGEMENT SYSTEM	WESTINGHOUSE HANFORD COMPANY 6.4 INFORMATION MANAGEMENT	MAY 1994
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### Program Manager's Assessment

Program	WBS	ES&H Compliance	Customer	Technical	Schedule	Cost	Comments
Computing/ Telecommunications/ Maintenance	6.4.1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> ↑	<input type="checkbox"/>	<input type="checkbox"/>	<p>(1) Distributed first "Safety Initiative Plan" throughout ISS organization.</p> <p>(2) Automated Travel Management System programming, Ver. 1.0 installed at Argonne Labs, Chicago, an effective cross-complex project, completed the installation at all DOE regional offices.</p> <p>(3) Evidenced by initiative to assure all employees are certified in WHC Safety Observer program.</p> <p>(4) Helped in the resolution of some long-standing concerns between RL and the Federal Records Center.</p> <p>(5) Provided outstanding video services support to RL. The "Industrial Ecology Program" video is to be shared with other DOE contractors.</p> <p>(6) Outstanding process improvements implemented in 700 Area Media Service Center.</p> <p>(7) Many instances of outstanding performance, prompting numerous letters of commendation.</p> <p>(8) Successful completion of DOE-HQ Security 1&amp;E audit - overall evaluation of BCSR's computing and network security scope was positive.</p>
Information Scientific Systems/Maintenance	6.4.2	+ <input checked="" type="checkbox"/> (1)	<input type="checkbox"/>	<input checked="" type="checkbox"/> (2)	<input type="checkbox"/>	<input type="checkbox"/>	
EUSS	6.4.3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Records Management	6.4.4	+ <input checked="" type="checkbox"/> (3)	<input checked="" type="checkbox"/> (4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Document Services	6.4.5	<input type="checkbox"/>	+ <input checked="" type="checkbox"/> (5)	+ <input checked="" type="checkbox"/> (6)	<input type="checkbox"/>	<input type="checkbox"/>	
Information Management Support	6.4.6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Direct Program Support	6.4.7	<input type="checkbox"/>	+ <input checked="" type="checkbox"/> (7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Data Administration	6.4.8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Overall	6.4	<input type="checkbox"/>	<input type="checkbox"/>	+ <input checked="" type="checkbox"/> (8)	<input type="checkbox"/>	<input type="checkbox"/>	

Legend			
Rating Gradient Symbols		Indicators	
■ Outstanding	○ Marginal	+ Improved from last month	↑ Improved future outlook
□ Good	○ Unsatisfactory	- Worsened from last month	↓ Worsened future outlook
◇ Satisfactory			

The information contained within this report is complete and accurate to the best of my knowledge

*Kenneth Miller*

WHC Program Manager

PROGRAM MILESTONE REVIEW	WESTINGHOUSE HANFORD COMPANY 6.4.8.2 WHC DATA ADMINISTRATION	JULY 1994
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**MILESTONE SCHEDULE**

WBS (ADS)	Baseline Date	Principal Deliverable	FY 1995
6.4.8.2 M-35-01	4/30/94	Laboratory analytical data developed from SST and DST characterization, as required by M-44, will be provided to EPA & Ecology via offsite electronic database access with the following characteristics:	<ul style="list-style-type: none"> <li>- Direct high speed access via T-1 datalink or direct LAN connection.</li> <li>- Read, table creation, and downloading capability in TCD and/or TWINS.</li> <li>- User will be provided 40 MB of user disk space for storage and manipulation of tank data.</li> </ul>

PROGRAM MILESTONE REVIEW	WESTINGHOUSE HANFORD COMPANY 6.4.8.2 WHC DATA ADMINISTRATION	JULY 1994
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### MILESTONE SCHEDULE

WBS (ADS)	Baseline Date	Principal Deliverable	FY 1995
M-35-02	9/30/94	DOE shall develop & submit to the regulators a "TPA Strategic Data Management Plan" as a primary document which will include or address the items listed below:	<p>A. Identification of TPA related data, TPA data users, purposes of data use, information to be indexed and accessed, and an implementation schedule.</p> <p>B. Site standards for data management, GIS spatial data, Locational data collection, etc.</p> <p>C. Data Management organizational structure to implement the processes defined in this plan.</p> <p>D. The following 10 data management initiatives will be evaluated &amp; where appropriate, implementation actions &amp; schedules will be included in the strategic data management plan. The initiatives are: locational data collection standards, database documentation &amp; listing of existing systems update, data reference search information system, EII procedures update, digital GIS base map data collection, sitewide orthophotography program, monument control network system, engineering survey data collection standards, standard well ID/naming &amp; location coordinates, historical data management.</p>

PROGRAM MILESTONE REVIEW	WESTINGHOUSE HANFORD COMPANY 6.4.8.2 WHC DATA ADMINISTRATION	JULY 1994
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**MILESTONE SCHEDULE**

WBS (ADS)	Baseline Date	Principal Deliverable	FY 1995
M-35-03	3/31/95	Develop & submit to the regulators data management plans for each DOE-RL program office (ER, WM, TWRS).	
M-35-04	1/31/95	DOE submit a signed change package with major and interim milestones and target dates for data management initiatives in the Strategic Data Management Plan.	

PROGRAM MILESTONE REVIEW	WESTINGHOUSE HANFORD COMPANY 6.4.8.2 WHC DATA ADMINISTRATION	JULY 1994
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### Planned Actions

WBS No.	
6.4.8.2	<p><b>M-35-02 Strategic Data Management Plan</b>                      The Strategic Plan for Hanford Site Information Management will encompass a larger scope than required by the this milestone.                      M-35-02(d) - Data management initiatives will be completed via a closeout report delivered with but published separate from the Strategic Data Management Plan. The closeout report will be delivered to RL in July 1994.</p> <p><b>M-35-03 Data Management plans for each program office</b>                      Three plans were identified in the TPA, however RL decided to include all profram areas to provide a complete view of sitewide data management activities. The combined plans will encompass a larger scope than required by the TPA milestone. Plans will be provided for each Hanford Site Inventory Area identified in the draft 1995 Hanford Mission Plan (DOE/RL-93-102).</p> <ul style="list-style-type: none"> <li>● Nuclear Materials ● Tank Waste ● Solid Waste ● Facilities</li> <li>● Liquid Effluents ● Analytical Laboratories</li> <li>● Administrative Infrastructure ● Environmental Contamination</li> <li>● Health Services ● Research &amp; Development ● Engineering</li> </ul>

PROGRAM MILESTONE  
REVIEWWESTINGHOUSE HANFORD COMPANY  
6.4.8.2 WHC DATA ADMINISTRATION

JULY 1994

**Milestone Exception Report****FUTURE MILESTONES IN JEOPARDY**

<u>Number</u>	<u>Type</u>	<u>Title</u>	<u>Scheduled Date</u>	<u>Forecast Completion Date</u>	<u>Cause/Impact/Recovery Plan</u>
NONE					

**MILESTONES DUE BUT NOT COMPLETE**

<u>Number</u>	<u>Type</u>	<u>Title</u>	<u>Scheduled Date</u>	<u>Forecast Completion Date</u>	<u>Cause/Impact/Recovery Plan</u>
NONE					

**MILESTONES COMPLETED EARLY**

<u>Number</u>	<u>Type</u>	<u>Title</u>	<u>Scheduled Date</u>	<u>Actual Completion Date</u>	<u>Comments</u>
M-35-01	TPA	M-44 Data Base Electronic Access	5/30/94	<sup>4</sup> <del>5</del> /22/94	

**MILESTONES COMPLETED LATE**

<u>Number</u>	<u>Type</u>	<u>Title</u>	<u>Scheduled Date</u>	<u>Actual Completion Date</u>	<u>Comments</u>
NONE					

PROGRAM MILESTONE REVIEW	WESTINGHOUSE HANFORD COMPANY 6.4.8.2 WHC DATA ADMINISTRATION	JULY 1994
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### Program Accomplishments

<u>WBS No.</u>	
6.4.8.2	<p><b>M-35-01 Data Base Electronic Access</b>  Milestone Completed Milestone completed 4/22/94 - HLAN access was provided to Ecology/Kennewick. TCD Access was provided 2/94, 40 MB hard disk provided to users 2/94. (RL sent a letter to notify the regulators that this milestone was completed. RL conducted an on-site review of Ecology's Lacey office and concluded their physical computer security is adequate for HLAN access. A letter documenting this fact was sent to Ecology. RL also notified Ecology that they may use the network links for their internal electronic mail between Lacey and Tri-Cities).</p> <p><b>M-35-02 Strategic Data Management Plan</b>  Strategic Data Management Plan delivered to RL for review, approval and publishing.  (a) Tri-Party Agreement Databases, Access Mechanism and Procedures (DOE/RL-93-69) was published on 11/93  (b) Plane Coordinates site standard approved 8/92, Geodetic Elevation Data site standard approved 11/93, RL sent letter to contractors formally announcing the requirement to follow these and several other previously approved sitewide data management standards.  (c) Hanford Data Management Organization presentation at the January Data Unit Managers Meeting  (d) Data management initiatives - A closeout report has been drafted and sent out for contractor's review.</p> <p><b>M-35-03 Data Management plans for each DOE-RL program office</b>  Data Management Plan Template (SD30008) approved 2/11/94 and updated to include more specific instructions to the authors.</p>

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SITE MANAGEMENT SYSTEM	WESTINGHOUSE HANFORD COMPANY 6.4 INFORMATION MANAGEMENT	MAY 1994
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## EXPENSE COST PERFORMANCE

(\$ In Thousands)

WBS (ADS)	FY TO DATE					AT COMPLETION (FY)			COMMENTS	
	BUDGETED COST		ACTUAL COST	VARIANCE		BUDGET AT COMPLETE	FYSF	VARI- ANCE		
	WORK SCHED	WORK PERF	WORK PERF	SCHED	COST					
<b>INDIRECT:</b>										
6.4.1	Computing, Telecommun. & Maintenance Service	37,510	37,510	37,520	0	(11)	59,638	56,511	3,126	
6.4.2	Information/Scientific System (IRM)	8,825	8,825	7,441	0	1,383	13,788	11,079	2,708	
6.4.2	Business Systems (CON)	1,370	1,370	1,246	0	125	2,100	2,101	(0)	
6.4.3	End User Support Services	5,641	5,641	5,159	0	482	8,723	8,513	210	
6.4.4	Records Management	5,698	5,698	5,284	0	415	8,679	8,243	436	
6.4.5	Document Services	13,361	13,361	12,758	0	603	20,058	19,238	820	
6.4.6	Information Management Support	10,122	10,122	11,162	0	(1,041)	17,787	16,978	809	
6.4.8	Data Standards & Admin (HRA)	612	612	615	0	(3)	911	911	0	
<b>TOTAL INDIRECT</b>		<b>83,138</b>	<b>83,138</b>	<b>* 81,185</b>	<b>0</b>	<b>1,952</b>	<b>131,683</b>	<b>123,573</b>	<b>8,110</b>	None

For Information Management, FYSF = estimated total cost that will be spent in current FY.

\* = FY TO DATE ACTUALS ADJUSTED

SITE MANAGEMENT SYSTEM	WESTINGHOUSE HANFORD COMPANY 6.4 INFORMATION MANAGEMENT	MAY 1994
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## EXPENSE COST PERFORMANCE

(\$ in Thousands)

WBS (ADS)	FY TO DATE					AT COMPLETION (FY)			COMMENTS
	BUDGETED COST		ACTUAL COST	VARIANCE		BUDGET AT COMPLETE	FYSF	VARI- ANCE	
	WORK SCHED	WORK PERF	WORK PERF	SCHED	COST				
DIRECT**:									
6.4.1 Computing, Telecomm. & Maintenance	2,082	2,082	1,711	0	372	2,780	2,603	177	
6.4.2 Info/Sci Systems	11,721	11,721	9,684	0	2,036	17,142	14,732	2,410	
6.4.3 Science/Engineering Workstation Support	638	638	300	0	337	973	457	516	
6.4.4 Records Management	1299	1,299	1011	0	288	1,974	1,537	437	
6.4.4 Litigation Support W/G&A	1006	1,006	1117	0	(111)	1,512	1,700	(188)	
6.4.7 Direct DOE-RL Program Support	1750	1,750	1542	0	207	3,045	2,624	421	
6.4.8 Data Administration W/G&A	179	179	88	0	91	269	269	0	
<b>TOTAL DIRECT **</b>	<b>18,675</b>	<b>18,675</b>	<b>15,454</b>	<b>0</b>	<b>3,220</b>	<b>27,695</b>	<b>23,921</b>	<b>3,774</b>	
<b>TOTAL INDIRECT (from previous page)</b>	<b>83,138</b>	<b>83,138</b>	<b>* 81,185</b>	<b>0</b>	<b>1,952</b>	<b>131,683</b>	<b>123,573</b>	<b>8,110</b>	
<b>GRAND TOTAL</b>	<b>101,812</b>	<b>101,812</b>	<b>* 96,639</b>	<b>0</b>	<b>5,173</b>	<b>159,378</b>	<b>147,494</b>	<b>11,884</b>	None

\*\* FYTD Budgets reflect customer controlled revisions to budget.  
 May result in variances between FYTD Budgets and Baseline Budget.  
 May result in different Baseline Budgets from month to month.

\* = FY TO DATE ACTUALS ADJUSTED

PROGRAM MILESTONE REVIEW	WESTINGHOUSE HANFORD COMPANY 6.4.8.2 WHC DATA ADMINISTRATION	JULY 1994
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**Issues**

WBS NO.	DATE IDENT	ISSUE	IMPACT	STATUS
6.4.8.2 M-35-00	7/06/94	<p>Ecology has not responded to any of RL's letters requesting information or action.</p> <p>JAN 10 - letter on data management plan template</p> <p>APR 4 - letter for projection of database needs, number of users, training requirements</p> <p>APR 14 - letter requesting appointment of a new data unit manager</p> <p>MAY 26 - letter requesting security point of contact for Lacey since Joy Denkers was no longer acting in this capacity</p> <p>Ecology has not purchased required computer equipment for Lacey office</p>	<p>Data Management plans may not reflect Ecology's needs</p> <p>Staff may not be available to provide training and support. May not have adequate FY 1995 funding cover access cost</p> <p>Difficulty in arriving at MUTUALLY acceptable solutions to issues and agreement on completed milestones</p> <p>RL has no formal assurance of computer security at Lacey</p> <p>Lacey office not connected to RL computer resources.</p>	

MONTHLY PERFORMANCE REVIEW	TANK WASTE REMEDIATION SYSTEM	June 1994
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**MANAGEMENT ISSUES**

Page 1 of 2

**ISSUE:** Trial implementation of critical path milestone system.

**IMPACT:** Behind April 30, 1994 trial schedule. No programmatic impacts. System will be operational by October 1 TPA requirement.

- CORRECTIVE ACTIONS**
- A meeting was held with WDOE, RL and WHC on May 26, 1994 to discuss status and path forward.
  - An action plan to demonstrate and implement the system was agreed to.
  - Formal transmittal of plan and associated schedule to RL June 24, 1994.
  - Activities and milestones have been selected from two Program Elements for demonstration of system for May, June, and July schedule data. Additional Program Elements will be included for July data as available.

MONTHLY PERFORMANCE REVIEW	TANK WASTE REMEDIATION SYSTEM	June 1994
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## MANAGEMENT ISSUES

Page 2 of 2 (continued)

- Final version of draft procedure initiated on June 20. PNL supporting development.
- A meeting is schedule with WDOE, RL and WHC on July 7, 1994 to review reports from May schedule data.
- Demonstration of the critical path system will be made during the monthly review meetings in July and August, 1994.
- System demonstration at September and October review meetings will include all Program Elements.
- Critical path system will be operational at the beginning of FY 1994<sub>5</sub> and be used with October schedule data per Tri-Party Agreement.

**DECISIONS  
NEEDED:**

Finalize clear understanding between WDOE, DOE, and WHC senior management of requirements and expectations of system.

**Tank Waste Remediation  
System**

**CRITICAL PATH METHOD  
ACTION PLAN**

**June 16, 1994**

*Don Frick*

**Don C. Frick**

*Robert M. Black*

**Robert M. Black**

9413205 1669

## CRITICAL PATH ANALYSIS DEMONSTRATION

DOE/RL TWRS will implement the scheduling critical path analysis, as defined in Hanford Federal Facility Agreement and Consent Order, Fourth Amendment, January 1994, Section 11.7. TWRS Critical Path Process in the following method.

Select Tri-Party Agreement milestones in at least two Program Elements with interties. These should include major, interim and target milestones.

Tie FY94 fiscal year work plan schedule activities to the FY95 Multi-Year Work Plan (MYWP) program element schedules.

Finalize CPM threshold criteria and reporting formats.

Analyze the schedule using May reporting data - and if time permits, report data at June Monthly Performance Report (Issues) meeting by the affected Program Element Manager.

Report in July, June's status and conduct a "what if" exercise by "moving" FY94 workscope into FY95.

Report in August, July's status and test the change control process by simulating a "target" milestone being elevated to an "interim". If additional expanded Program Element Schedules are available, incorporate them into the demonstration schedule.

The goal is to have the demonstration system in operation for all program elements for two months by statusing the integrated Program Master Schedule with August and September data.

This will be from a resource loaded data base submitted to RL on August 31, 1994 as part of the MYWP with expanded FY95, 96, and 97 data.

Define and have approved the Tri-Party Agreement CPM procedure for implementation by October 31, 1994.

9413285-0671

Activity ID	Original duration	Early Start	Early Finish	1994																																				
				JUN					JUL					AUG					SEP					OCT					NOV					DEC					JAN	
				30	6	13	20	27	4	11	18	25	1	8	15	22	29	5	12	19	26	3	10	17	24	31	7	14	21	28	5	12	19	26	2	9	16	23	30	6
<b>May Schedule Data (2 Program Elem)</b>																																								
A05	8	01JUN94	10JUN94	Modify Baseline to RCR comments																																				
A10	2	13JUN94*	14JUN94	Select TPA Milestones to test																																				
A20	3	15JUN94	17JUN94	Extract FY94 FYWP activities for Milestones																																				
A30	3	20JUN94	22JUN94	Merge BL schedule with FY94 activities																																				
A40	3	23JUN94	27JUN94	Analyze schedule and issue reports																																				
<b>June Schedule Data (2 Program Elem)</b>																																								
B10	9	20JUN94*	30JUN94	Evaluate system - Revise as necessary																																				
B20	2	01JUL94*	06JUL94	Obtain & enter June status to network																																				
B30	3	07JUL94	11JUL94	Analyze schedule and issue reports																																				
B40	4	12JUL94	15JUL94	Demonstrate "what if" analysis of network																																				
B50	1	18JUL94	18JUL94	Provide CPM analysis material for monthly review																																				
<b>July Schedule Data (Selected)</b>																																								
C05	5	28JUL94*	03AUG94	Add additional PE schedules if available																																				
C10	5	04AUG94*	10AUG94	Process July data & issue reports																																				
C15	17	01JUL94	27JUL94	Develop detailed procedure for CPM process																																				
C20	1	11AUG94	11AUG94	Provide CPM analysis material for monthly review																																				
<b>August Schedule Data (All)</b>																																								
D10	0	31AUG94*		Revised & expanded Baseline submitted to RL																																				
D20	6	31AUG94	08SEP94	Apply August status to baseline																																				
D30	3	09SEP94	13SEP94	Conduct CPM analysis of TPA milestones																																				
D40	2	14SEP94	15SEP94	Produce CPM reports & provide for montly review																																				
<b>September Schedule Data (All)</b>																																								
E10	3	06OCT94*	10OCT94	Apply September status to schedule																																				
E20	3	11OCT94	13OCT94	Conduct CPM analysis of TPA Milestones																																				
E30	2	14OCT94	17OCT94	Produce CPM reports & provide for monthly review																																				
E40	19	03OCT94*	27OCT94	Revise procedure as necessary & approve																																				
<b>Implement System</b>																																								
F10	0		31OCT94*	Implement TPA CPM System with October data																																				

Project Start	26MAY94		Early Bar
Project Finish	31OCT94		Progress Bar
Data Date	01JUN94		Critical Activity
Plot Date	15JUN94		

## **ANALYTICAL SERVICES**

**Complete Construction and Initiate Operations  
of Expanded Laboratory Hot Cells for  
High Level Radioactive Mixed Waste**

**Milestone M-11-00**

**R. P. Carter**

**July 6, 1994**

## Milestone Description

- **M-11-00 Complete construction and initiate operations of expanded laboratory hot cells for high-level radioactive mixed waste.**
- **Deliverable(s) Complete Conceptual Design for hot cell expansion June 1989**

**Complete Definitive Design for hot cell expansion March 1992**

**Expanded laboratory hot cells that will provide double the sample throughput of the current 222-S laboratory June 1994**

- **Baseline Schedule Complete construction and initiate operations June 1994**

## **Accomplishments (last three months)**

- **Turned facility over to Operations for beneficial occupancy on April 5, 1994**

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## Planned Actions (next six months)

- **Complete all remaining pre-start items**
- **Complete modification and installation of manipulators**
- **Complete readiness review**
- **Start up facility**

## Milestone Assessment

- **Schedule**

**Complete construction for Hot Cells Expansion March 1994 (Target Milestone M-11-00-T1) Complete**

**Complete construction and initiate operations  
June 1994 (Major Milestone M-11-00) - Projected  
July 15, 1994**

- **Technical Scope**

**No changes in scope**

## **ANALYTICAL SERVICES**

**Provide Low-Level Mixed Waste Laboratory Services**

**Milestone M-14-00**

**R. P. Carter**

**July 6, 1994**

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## Milestone Description

- **M-14-00** DOE shall comply with Senior Executive Committee Agreement on resolution of Milestone M-14-00 dispute (1/8/93)
- **M-14-01** WSCF Definitive Design (Complete 11/90)
- **M-14-02** Complete construction of 27 modules WSCF - (Complete 10/93)
- **M-14-03** Initiate operations of 27 modules WSCF - 11/94
- **M-14-04** Best efforts to award commercial contract - (Complete 7/93)

Commence local operations of commercial laboratory - 10/95



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## **Accomplishments (last three months)**

- Issued letter authorizing Lockheed to receive samples under new purchase order. (June 15, 1994)
- Commercial laboratory turnaround times remain within TPA requirements.
- Progressing toward startup of WSCF
  - Startup schedule revised, tracking to November 1994
  - Extensive equipment setup and calibration underway
  - Significant staff on board to support operations
  - ATP on WSCF HVAC completed with exceptions
  - Replaced exhaust fans

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## Planned Actions (next six months)

- **Continue WSCF Startup activities**
  - Test and balance new exhaust fans
  - Complete HVAC exceptions
  - Complete equipment set-up and calibrations
- **Continue to phase out use of previous commercial contracts**
- **Proceed with TMA/Weston purchase order for third commercial services contract**

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## Milestone Assessment

- **Schedule**

- Milestone to initiate WSCF operations changed to November 1994.
- Local commercial laboratory services will be in place by October 1995.

- **Technical**

Commercial laboratory contracts awarded and routine assessments of facilities ongoing. Commercial laboratories continue to meet turnaround time requirements and sample backlogs are at operational levels.

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## Special Topics

- **Analytical services continue to be provided to Program customers. The delay in the initiation of WSCF operations will not impact analytical services availability to any program.**
  - **Quality assurance samples for commercial laboratories will continue to be performed by using multiple commercial laboratories. WSCF will support this activity as it becomes available.**

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## **Special Topics (continued)**

- **Support to the Liquid Effluent Treatment facilities will be provided by WSCF (300 Area plant beginning 12/94 and the 200 Area plant by 6/95). WSCF will operate at less than full capacity when only the 300 Area plant is operating. Commercial and on-site laboratories will be used prior to initiation of WSCF operations for feed characterization and Liquid Effluent Treatment facilities startup support.**
- **Radiochemistry services will continue to be provided by the 222-S Laboratory until WSCF is operational. This work will then be transitioned to WSCF.**

# **Install RCRA Groundwater Wells**

## **Milestone M-24-00**

**D. C. Bryson**

**Liquid Waste Branch**

**July 6, 1994**

9413285-0686

# Install RCRA Groundwater Wells

## Milestone M-24-00

### Milestone Description

- o M-24-00  
(As Amended)**

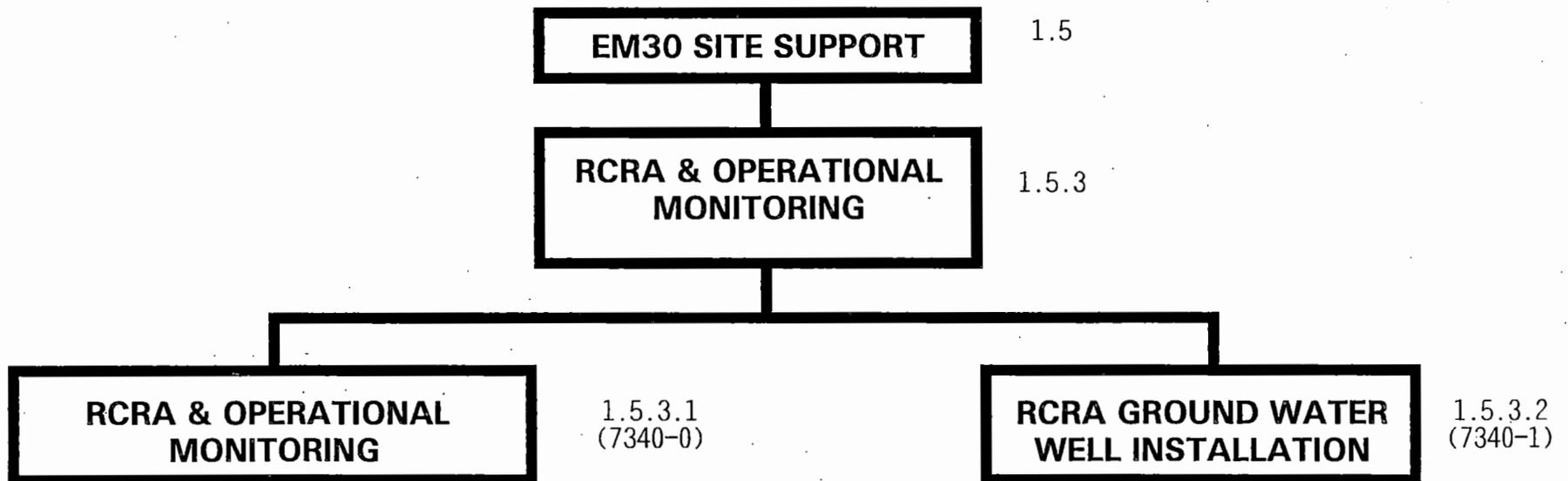
**Install RCRA groundwater monitoring wells at the rate of 29 in CY 1989, 30 in CY 1990, and up to 50 per year thereafter as specified by agreed interim milestones until all land disposal units and single-shell tanks are determined to have RCRA compliant monitoring systems.**
  
- o DELIVERABLE(S)**

**Installation of groundwater wells shall mean that wells have been drilled, adequately sealed, and screened over no more than 15 feet of the aquifer unless otherwise approved by Ecology, that all pumps and associated sampling equipment have been installed, and that such wells have been developed sufficiently to provide satisfactory samples for all parameters to be analyzed. Ecology determines that all such groundwater monitoring systems meet the requirements of WAC-173-303-645.**
  
- o BASELINE SCHEDULE**

**Install wells annually beginning in CY 1989.**

<b>SITE MANAGEMENT SYSTEM</b>	<b>WESTINGHOUSE HANFORD COMPANY 1.5.3 RCRA &amp; OPERATIONAL MONITORING</b>	<b>JUNE 1994</b>
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## WORK BREAKDOWN STRUCTURE



<b>SITE MANAGEMENT SYSTEM</b>	<b>WESTINGHOUSE HANFORD COMPANY 1.5.3 RCRA &amp; OPERATIONAL MONITORING</b>	<del>JUNE</del> 1994 MAY
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**PROGRAM MANAGER'S ASSESSMENT**

WBS	PROGRAM ELEMENT	ES&H COMPLIANCE	CUSTOMER	TECHNICAL	SCHEDULE	COST	COMMENTS
1.5.3	RCRA & Operational Monitoring Programs	◇	□	◇	◇	□	Effective cost savings underway. Reflects rating for program elements.
1.5.3.1	RCRA & Operational Monitoring	◇	□	◇	◇	□	Meeting Productivity Challenge goals. Developed additional performance indicators as requested.
1.5.3.2	RCRA Groundwater Well Installation	◇	□	◇	◇	□	Drilling costs under estimate. K Basins drilling nearly completed.

RATING GRADIENT SYMBOLS		INDICATORS	
■	Outstanding	+	Improved from last month
□	Good	--	Worsened from last month
◇	Satisfactory	↑	Improved future outlook
●	Marginal	↓	Worsened future outlook
●	Unsatisfactory		

*The information contained within this report is complete and accurate to the best of my knowledge.*

**R.R. THOMPSON**  
**WHC PROGRAM MANAGER**

# Install RCRA Groundwater Wells

## Milestone M-24-00

### Planned Actions (next six months)

- Prepare and drill, backpull, and make the well at U-12 Crib sample ready.
- Identify preliminary candidate locations for CY 1995; propose 1995 milestones.

# **Install RCRA Groundwater Wells**

## **Milestone M-24-00**

### **Accomplishments (March 1994-May 1994)**

- **Change request to establish CY 1994 milestone approved**
- **Well location in progress; groundwater monitoring plan in revision**
- **Program support provided to K Basin Groundwater Assessment**

# Install RCRA Groundwater Wells

## Milestone M-24-00

### MILESTONE ASSESSMENT (cont'd)

- Budget vs. Cost (\$ in millions)

Cumulative	Oct/Feb	Mar/May	FISCAL YEAR
BCWS	1.0	0.5	4.7
BCWP		0.9	
ACWP	0.9	1.1	
SV		0.4	
CV		(0.2)	

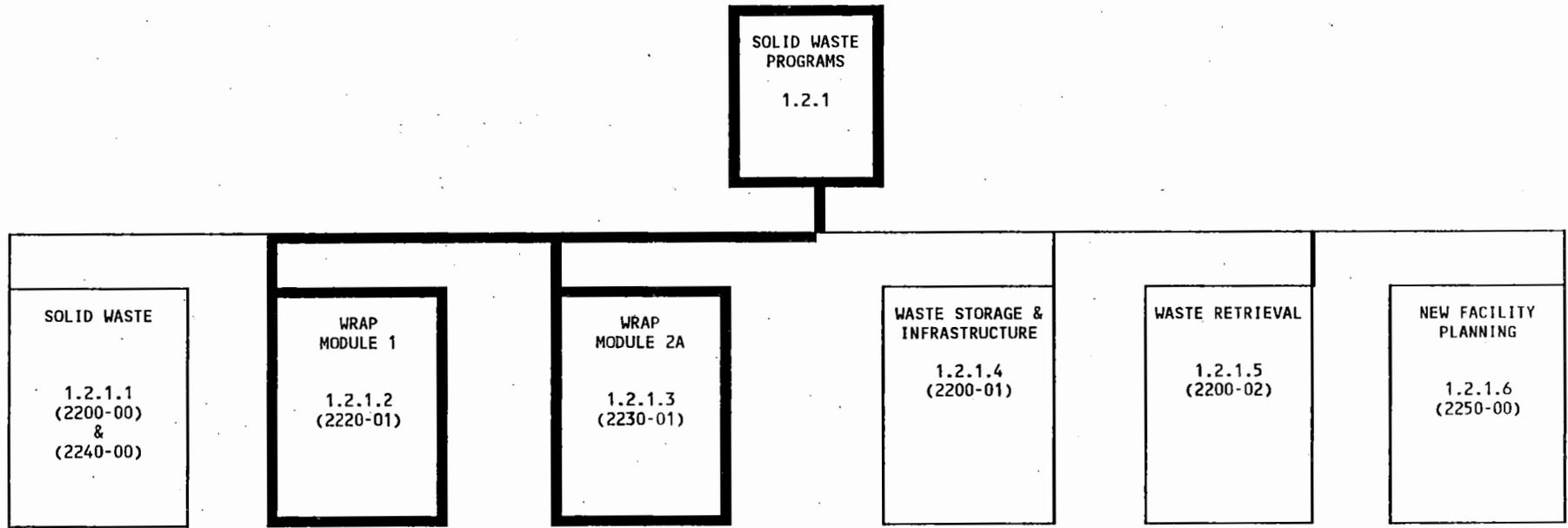
**WRAP I - WRAP II**  
**M-18-00 & M-19-00**

**WASTE MANAGEMENT DIVISION**

**R.F. Guercia**  
**July 6, 1994**

<b>SITE MANAGEMENT SYSTEM</b>	<b>WESTINGHOUSE HANFORD COMPANY 1.2.1 SOLID WASTE PROGRAM</b>	<b>MAY 1994</b>
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## WORK BREAKDOWN STRUCTURE



<b>SITE MANAGEMENT SYSTEM</b>	<b>WESTINGHOUSE HANFORD COMPANY 1.2.1 SOLID WASTE PROGRAM</b>	<b>MAY 1994</b>
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## PROGRAM MANAGER'S ASSESSMENT

WBS	PROGRAM	ES&H Compliance	Customer	Technical	Schedule	Cost	Comments
1.2.1.2	WRAP MODULE 1	◊	◊	◊	◊	◊	Construction contract was placed. Groundbreaking ceremonies were conducted in April 1994
1.2.1.3	WRAP MODULE 2	◊	◊	◊	◊ ↓	◊ ↓	Lack of Key Decision (KD) 1 impacts project schedule and cost and jeopardizes Tri-Party Agreement milestone. Failure to receive reprogramming funds will result in an overrun.

RATING GRADIENT SYMBOLS		LEGEND	
■	Outstanding	+	Improved from last month
□	Good	--	Worsened from last month
◊	Satisfactory	↑	Improved future outlook
○	Marginal	↓	Worsened future outlook
●	Unsatisfactory		

The information contained within this report is complete and accurate to the best of my knowledge.

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WHC Program Manager

<b>SITE MANAGEMENT SYSTEM</b>	<b>WESTINGHOUSE HANFORD COMPANY 1.2.1 SOLID WASTE PROGRAM</b>	<b>MAY 1994</b>
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## MILESTONE SCHEDULE

WBS (ADS)	Baseline Date	FISCAL YEAR 1994												FY 1995
		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.2.1.3 (2230-1) WRAP Module 2A		<p>3A5-94-007 Start WRAP 2A Preliminary (Title 1) Design</p>												

<b>MILESTONE TYPES:</b> ◊ <sup>M</sup> TPA MILESTONE ◊ <sup>I</sup> TPA INTERIM	⊙ DOE-HQ ⊙ <sup>FO</sup> DOE-FO	◊ FORECAST ⊙ <sup>RL</sup> DOE-RL	△ WHC KEY	<b>FOOTNOTES:</b> * Current Month Activity
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<p><b>SITE MANAGEMENT SYSTEM</b></p>	<p><b>WESTINGHOUSE HANFORD COMPANY 1.2.1 SOLID WASTE PROGRAM</b></p>	<p><b>MAY 1994</b></p>
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**MILESTONE EXCEPTION REPORT**

**FUTURE MILESTONES IN JEOPARDY**

<u>Number</u>	<u>Type</u>	<u>Title</u>	<u>Scheduled Date</u>	<u>Forecast Completion Date</u>	<u>Cause/Impact Recovery Plan</u>
N/A					

**MILESTONES DUE BUT NOT COMPLETE**

<u>Number</u>	<u>Type</u>	<u>Title</u>	<u>Scheduled Date</u>	<u>Forecast Completion Date</u>	<u>Cause/Impact Recovery Plan</u>
3A5-94-007	DOE-HQ	Start WRAP 2A Preliminary (Title 1) Design	01-01-94	06-15-94	Awaiting KD-1 approval, impact to be determined.

**MILESTONES COMPLETED EARLY**

<u>Number</u>	<u>Type</u>	<u>Title</u>	<u>Scheduled Date</u>	<u>Actual Completion Date</u>	<u>Cause/Impact Recovery Plan</u>
N/A					

**MILESTONES COMPLETED LATE**

<u>Number</u>	<u>Type</u>	<u>Title</u>	<u>Scheduled Date</u>	<u>Actual Completion Date</u>	<u>Cause/Impact Recovery Plan</u>
N/A					

<b>SITE MANAGEMENT SYSTEM</b>	<b>WESTINGHOUSE HANFORD COMPANY 1.2.1 SOLID WASTE PROGRAM</b>	<b>MAY 1994</b>
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### PROGRAM ACCOMPLISHMENTS

<u>WBS</u>	
1.2.1.2	The characterization study for WRAP 1 was issued for review in May 1994. The study looks at potential waste streams slated for processing in WRAP 1. The study will be completed in June 1994.
1.2.1.2	Work has been reinstated to finish the revision of several chapters of the WRAP 1 Part B Permit Application. This activity began in FY 1994 and was deferred pending resolution of sitewide and other Solid Waste permitting issues. The first two revised chapters (2 and 4) will be submitted to RL for review in June 1994.
1.2.1.2	The WRAP 1 System Index file was modified, expanded, and installed on a fileserver. The System Index file is based on the United Engineers and Constructors Contract Specification Sections. The System Index file division and section numbers for installation, acceptance testing and operations turnover for the electrical system of WRAP 1 were developed and entered into PRIMAVERA software. The electrical system is one of the seventeen divisions in the System Index. The System Index is being used for developing the integrated WRAP 1 startup schedule.

SITE MANAGEMENT SYSTEM	WESTINGHOUSE HANFORD COMPANY 1.2.1 SOLID WASTE PROGRAM	MAY 1994
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## EXPENSE COST PERFORMANCE

(\$ In Millions)

WBS (ADS)	FY TO DATE					AT COMPLETION					COMMENTS
	BUDGETED COST		ACTUAL COST	VARIANCE		BAC	EAC	VARIANCE	FYSF	PRO- JECTED CARRY- OVER WORK- SCOPE	
	WORK SCHED	WORK PERF	WORK PERF	SCHED	COST						
1.2.1.2 WRAP 1 (2220-01)	3.8	3.6	3.4	(0.2)	0.2	6.2	6.2	0.0	6.2	0.0	
1.2.1.3 WRAP 2A (2230-01)	4.9	4.9	5.5	0.0	(0.7)	5.9	6.8	(0.9)	6.8	0.0	Reprogram- ming funds expected in June 1994 (\$0.5M)
<b>TOTAL</b>	<b>8.7</b>	<b>8.5</b>	<b>8.9</b>	<b>(0.2)</b>	<b>(0.5)</b>	<b>12.1</b>	<b>13.0</b>	<b>(0.9)</b>	<b>13.0</b>	<b>0.0</b>	

EAC is defined as the estimated total cost to complete the workscope as defined by the FYWP and approved Class I changes.

FYSF is defined as the estimated total that will be spent from October through September.

SITE MANAGEMENT SYSTEM	WESTINGHOUSE HANFORD COMPANY 1.2.1 SOLID WASTE PROGRAM	MAY 1994
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### EXPENSE SCHEDULE VARIANCE ANALYSIS

WBS (ADS)	SCHEDULE VARIANCE (\$0.2M)	
1.2.1	<u>(Description and Cause:)</u> Variance is within established thresholds.	<u>(Impacts and Corrective Action:)</u> N/A

94/3285-0701

<b>SITE MANAGEMENT SYSTEM</b>	<b>WESTINGHOUSE HANFORD COMPANY 1.2.1 SOLID WASTE PROGRAM</b>	<b>MAY 1994</b>
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### EXPENSE COST VARIANCE ANALYSIS

<b>WBS (WBS)</b>	<b>COST VARIANCE \$0.5M</b>	
1.2.1	<u>Description and Cause):</u> Variance is within established thresholds.	<u>(Impacts and Corrective Actions):</u>

SITE MANAGEMENT SYSTEM	WESTINGHOUSE HANFORD COMPANY 1.2.1 SOLID WASTE PROGRAM	MAY 1994
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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					
1.2.1.2 WRAP 1 (2220-01)	19.1	13.3	13.3	(5.8)	0.0	49.6	53.6	53.6	WRAP 1 contract delays	
1.2.1.3 WRAP 2A (2230-01)	0.0	0.0	0.0	0.0	0.0	4.7	81.9	81.9	\$4.7M not yet in project authorization, awaiting KD-1.	
<b>TOTAL</b>	19.1	13.3	13.3	(5.8)	0.0	54.3	135.5	135.5		

9413205-0703

SITE MANAGEMENT SYSTEM	WESTINGHOUSE HANFORD COMPANY 1.2.1 SOLID WASTE PROGRAM	MAY 1994
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### CENRTC COST PERFORMANCE

(\$ In Thousands)

WBS (ADS)	TOTAL B/A				COMMENTS
		ACTUAL (ACWP)	COMMI- TTED (P/O)	UNCOM- MITTED	
1:2.1.2 (2220-01) WRAP Module 1					
Activity for Current Year Funded Equip.	500.0	0.0	0.0	500.0	The \$500K will be used to purchase equipment/spare parts throughout the construction of WRAP 1.
Activity for Prior Year Funded Equip.	194.0	194.0	0.0	0.0	
1.2.1.3 (2230-01) WRAP Module 2					
Activity for Current Year Funded Equip.	0.0	0.0	0.0	0.0	The uncommitted budget will be committed for WRAP 2A extruder in August 1994.
Activity for Prior Year Funded Equip.	292.0	33.8	10.1	248.1	
<b>TOTAL</b>	<b>986.0</b>	<b>221.8</b>	<b>10.1</b>	<b>748.1</b>	

SITE MANAGEMENT SYSTEM	WESTINGHOUSE HANFORD COMPANY 1.2.1 SOLID WASTE PROGRAM	MAY 1994
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## CONSTRUCTION COST VARIANCE ANALYSIS

WBS (WBS)	COST VARIANCE \$0.0	
1.2.1	<u>(Description and Cause:)</u> N/A - no variance.	<u>(Impacts and Corrective Action:)</u>

SITE MANAGEMENT SYSTEM	WESTINGHOUSE HANFORD COMPANY 1.2.1 SOLID WASTE PROGRAM	MAY 1994
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## CONSTRUCTION SCHEDULE VARIANCE ANALYSIS

WBS (ADS)	SCHEDULE VARIANCE \$(5.8M)	
1.2.1.2	<p><u>(Description and Cause:)</u></p> <p>Contract has been issued to PCL Construction Services. Although site preparation has been initiated, physical construction has not yet begun. Schedules are still being compiled and are expected to be submitted in June 1994.</p>	<p><u>(Impacts and Corrective Action:)</u></p> <p>No impact to construction end date or Tri-Party Agreement Milestone M-18-01. As soon as schedules are approved, the WHC Plan will be adjusted accordingly.</p>

SITE MANAGEMENT SYSTEM	WESTINGHOUSE HANFORD COMPANY 1.2.1 SOLID WASTE PROGRAM	MAY 1994
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## ISSUES

WBS NO.	DATE IDENT	ISSUE	IMPACT	STATUS
1.2.1-1	12/93	<u>WRAP 2A</u> Failure to receive KD-1 by June 1994, will impact the project schedule and Tri-Party Agreement Milestone M-19.	Tri-Party Agreement Milestone M-19 will not be met.	WHC is working with RL to support KD-1.

# **LAND DISPOSAL RESTRICTIONS ANNUAL REPORT**

## **M-26-01**

**WASTE MANAGEMENT DIVISION**

**D. W. Claussen**

**July 6, 1994**

## Milestone Description

- **M-26-01**                      **Submit an annual Hanford Site Land Disposal Restrictions (LDR) Report in accordance with the LDR Plan to cover the period from April 1 through March 31.**
- **Deliverables**                **Submit "1994 Report on Hanford Site Land Disposal Restrictions for Mixed Wastes" to EPA and Ecology.**
- **Schedule**                      **Reports submitted annually by April 30.**

## Accomplishments

- **The "1994 Report on Hanford Site Land Disposal Restrictions for Mixed Wastes" was submitted to EPA and Ecology on April 26, 1994.**

## Planned Actions

- When regulator comments are received, responses will be prepared and transmitted by letter to the regulators.

## Milestone Assessment - schedule and technical

- 1994 updated LDR status report was submitted on schedule.

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

**FY 94 - Cumulative**

	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>FY TOTAL</b>
<b>- FYTD Budget</b>	<b>42</b>	<b>60</b>	<b>73</b>	<b>88</b>	<b>101</b>	<b>139</b>
<b>- FYTD Cost</b>	<b>41</b>	<b>54</b>	<b>69</b>	<b>79</b>	<b>82</b>	
<b>- Spending Variance</b>	<b>1</b>	<b>6</b>	<b>4</b>	<b>9</b>	<b>19</b>	

**Newly Generated Low-Level Mixed Waste\* Volumes from 1995 through 1999**  
 (Based upon the 1993 Forecast and the Tank Farm Long-Length Equipment Volumes--all Volumes in Cubic Meters)

WASTE GENERATOR NAME	Location	1995	1996	1997	1998	1999	Total Volume	% of Total Volume
Long Length Equipment (Tank Farms)	Onsite	814.23	814.23	1139.92	977.08	1058.50	4803.96	39%
Onsite Buried Equipment (Fleet Management)	Onsite	326.30	368.30	170.00	170.00	352.70	1387.30	11%
PUREX 242A Condensate Treatment	Onsite	198.70	198.70	198.70	198.70	198.70	993.50	8%
Tank Farm Restoration	Onsite	0.00	0.00	242.90	242.90	409.70	895.50	7%
Argonne Nat. Lab.-East	Offsite	329.30	329.30	14.20	14.20	14.20	701.20	6%
Single Shell Tank Farms	Onsite	138.80	138.80	138.80	138.80	138.80	694.00	6%
Paducah Energy Systems	Offsite	257.00	110.40	96.30	96.30	56.70	616.70	5%
Sluicing	Onsite	86.10	47.80	223.90	37.10	0.00	394.90	3%
T-Plant Bldg. 2706/221	Onsite	76.50	76.50	76.50	76.50	76.50	382.50	3%
CP 222-S Laboratory	Onsite	47.50	59.80	66.10	66.10	65.50	305.00	3%
Ames Laboratory-Ames, Iowa	Offsite	235.90	0.20	0.20	0.20	0.20	236.70	2%
Lawrence Livermore Natl Lab	Offsite	31.20	31.20	21.00	21.00	21.00	125.40	1%
Shipyards (3)	Offsite	21.90	21.90	21.90	21.90	21.90	109.50	1%
Secondary Waste from LLE (Tank Farms)	Onsite	15.16	15.16	21.23	18.20	19.71	89.46	1%
ENV Restoration - Surplus Facilities	Onsite	29.70	5.70	5.70	0.00	34.00	75.10	1%
Pacific Northwest Laboratories	Onsite	14.10	14.10	14.10	14.10	14.10	70.50	1%
Other Offsite Waste Generators	Offsite	39.20	34.30	34.00	27.30	17.70	152.50	1%
Other Onsite Waste Generators	Onsite	38.90	25.10	28.80	21.70	21.00	135.50	1%
<b>Total Volume</b>		<b>2700.49</b>	<b>2291.49</b>	<b>2514.25</b>	<b>2142.07</b>	<b>2520.91</b>	<b>12169.22</b>	<b>100%</b>

## NOTE:

Portsmouth forecast 5297 cubic meters of waste during this time period, however they are not currently a certified waste generator

Puget Sound Naval Shipyard plans to send 6 to 8 submarine compartments per year (898 m<sup>3</sup>/compartment = 5388 to 7184 m<sup>3</sup>/year)

# **SOLID MATERIALS STORAGE**

**M-33**

**J. D. KAUTZKY**

**JULY 6, 1994**

## **MILESTONE DESCRIPTION:**

**SUBMIT A DOE-SIGNED CHANGE PACKAGE FOR ACQUISITION OF NEW FACILITIES, MODIFICATION OF EXISTING FACILITIES, OR MODIFICATION OF PLANNED FACILITIES FOR STORAGE, PROCESSING, AND/OR DISPOSAL OF SOLID WASTE AND MATERIALS BASED ON THE RESULTS OF THE SITEWIDE SYSTEMS ANALYSIS.**

# **DELIVERABLES**

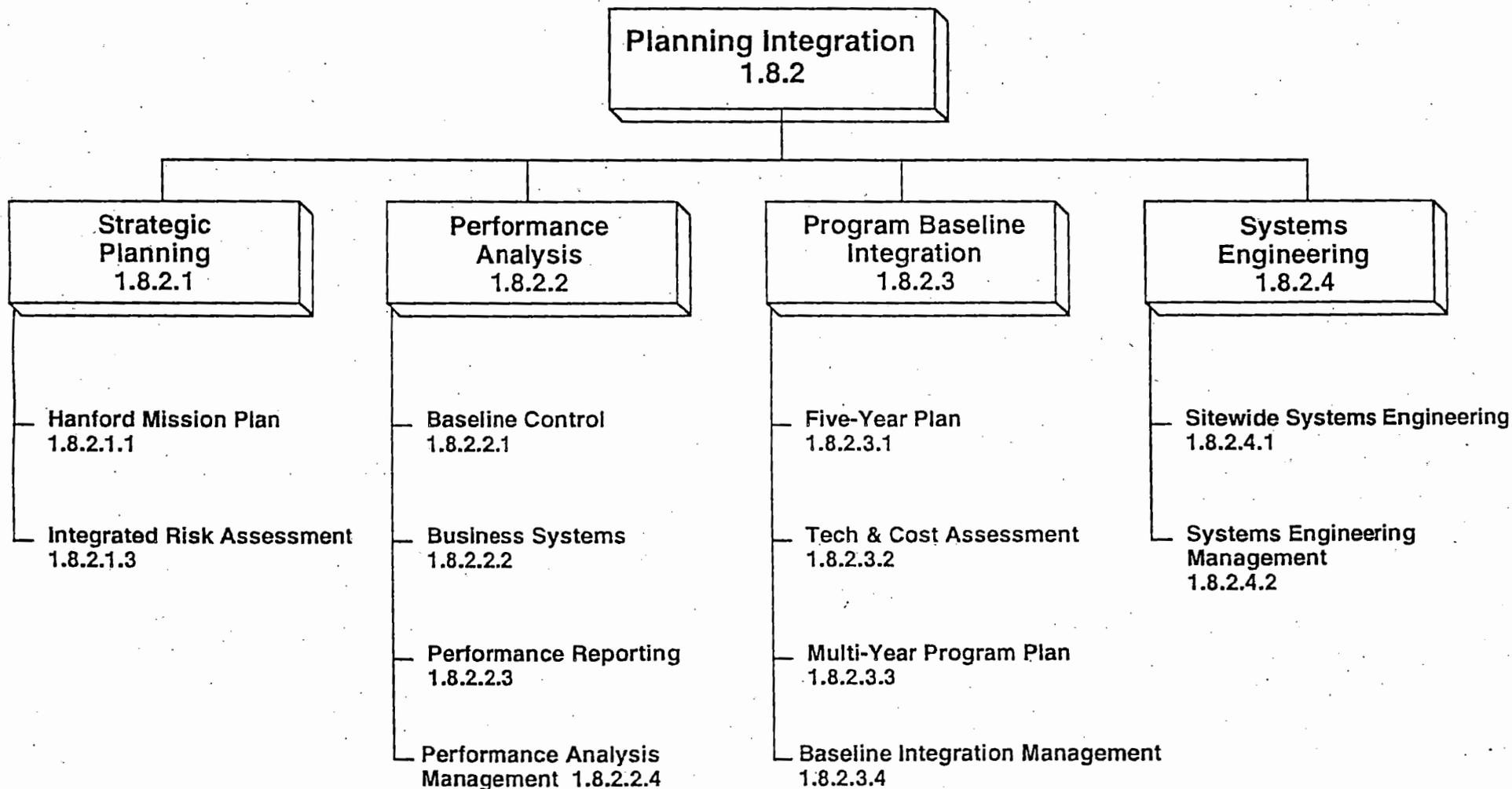
- TO1      SITEWIDE SYSTEMS ENGINEERING FUNCTIONS &  
REQUIREMENTS. 01/30/94**
  
- TO2      DRAFT "SITEWIDE SYSTEM ANALYSIS" INCLUDING  
REQUIREMENTS FOR SOLID MATERIAL, PROCESSING,  
STORAGE, AND DISPOSAL. 07/30/94**
  
- TO3      FIRST ISSUE SYSTEMS ANALYSIS. 01/30/95  
(TO2 UPGRADED TO RESPOND TO COMMENTS)**
  
- TO4      PROPOSE TPA CHANGE. 06/30/95**

## **T04 COMPLETION CONSISTS OF:**

- **DEFINITION OF SCOPE FOR SOLID MATERIALS FACILITIES INCLUDING CAPACITIES, DURATIONS, TIMING, AND FLOW RATES.**
- **IDENTIFICATION OF DECISION POINTS FOR PLANNING FACILITIES WHICH HAVE A HIGH LEVEL OF UNCERTAINTY ARISING FROM EVOLVING MISSION REQUIREMENTS.**
- **IDENTIFICATION OF FACILITIES FOR PROCESSING, STORAGE, AND DISPOSAL.**

9413295-0716

# WORK BREAKDOWN STRUCTURE



# MILESTONES FOR T04 DELIVERY

## T04 PLANNING SCHEDULE

	<u>DATE</u>
1. QUANTIFY, VERIFY, AND DATABASE ALL SOLID MATERIAL INVENTORIES AND SOURCES	10/30/94
2. CONDUCT SYSTEM TRADE-OFF STUDIES USING SYSTEM MODELS	01/10/95
3. RECOMMEND PREFERRED ALTERNATIVE	01/30/95
4. COMPLETE TECHNICAL REVIEWS	05/30/95
5. PROVIDE PROGRAM CHANGE PACKAGES	06/30/95
6. PROPOSE TPA CHANGE	06/30/95

# **SIGNIFICANT ACCOMPLISHMENTS FROM 3/31/94 TO 6/30/94**

- **COMPLETED DRAFT SITEWIDE SYSTEM ALTERNATIVES DOCUMENT.**
- **COMPLETED DRAFT SITEWIDE PRODUCTS DEFINITION.**

# **SIGNIFICANT PLANNED ACTIVITIES OVER NEXT SIX MONTHS**

- **COMPLETE SITEWIDE PRODUCT TREE.**
- **COMPLETE SITEWIDE INVENTORY BASED PRODUCT SPECIFICATION.\***
- **DEVELOP TECHNICAL BASELINE FOR INDIVIDUAL SOLID MATERIAL PROCESSING, STORAGE, AND DISPOSITION.\***
- **INITIATE DEVELOPMENT OF SOLID MATERIAL SYSTEM MODEL FOR DELIVERY TIME DEPENDENT PROCESSING, STORAGE, AND DISPOSAL.\***

**\* REQUIRES APPROVAL OF 1.8.2.4.1 FY94 CHANGE PACKAGE**

## **POTENTIAL ISSUES:**

- **SECONDARY FLOWS FROM "CONCEPT" FACILITIES ARE UNCERTAIN AND WILL CAUSE DIFFICULTY IN DESIGNING M-33 FACILITIES**
- **AVAILABILITY OF WIPP, THE HLW REPOSITORY, AND EMERGING PUBLIC POLICY ON MATERIALS DISPOSITION WILL SUBSTANTIALLY AFFECT SOLID MATERIALS FACILITIES PLANNING**

# **PERMITS AND CLOSURE PLANS**

## **Milestone M-20-00**

**C. E. Clark**

**Environmental Permits  
U.S. Department of Energy  
Richland Operations Office**

**July 6, 1994**

## MILESTONE DESCRIPTION

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**M-20-00**

**Submit Part B Permit Applications or closure plans for all RCRA TSD Units (5-96)**

**Deliverable(s)** Complete individual TSD unit submittals in accordance with Appendix D Work schedules (~ 10 submittals per year)

## **ACCOMPLISHMENTS (last three months)**

---

### **Closure Plans**

- **Finished DQO and Issue Resolution Process for the following units:**
  - **216-E-8 Borrow Pit Demolition Site**
  - **200 West Ash Pit Demolition Site**
  - **Hanford Patrol Academy Demolition Site.**
  
- **Started DQO and Issue Resolution Process for the following units:**
  - **4843 Alkali Metal Storage Facility**
  - **100-D Ponds**
  - **304 Concretion Facility**
  - **303-K Mixed Waste Storage Facility**

## **ACCOMPLISHMENTS (last three months)**

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### **Part A**

- **Submitted revised Part A, Form 3, for the Double-Shell Tank System (5/20/94)**
- **Transferred 16 Part A, Form 3s, from WHC to BHI; These Part As were identified as part of the ER Program and were revised to transfer management responsibilities (certified 6/30/94, submitted to Ecology and EPA 7/2/94)**
- **Additional Form 1 submitted 7/2/94 identifying BHI as a co-operator of Hanford Facility waste management units with RL**

## **ACCOMPLISHMENTS (last three months)**

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### **Research, Development and Demonstration**

- **The Waste Water Pilot Plant RD&D Permit became effective on 6/6/94**

### **Part B**

- **Provided NOD Response Table for the TRUSAF Part B on 5/26/94 (M-20-23)**

## **PLANNED ACTIONS (next six months)**

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### **Unit-Specific Closure Plans**

- **Respond to closure plan NODs when received from Ecology for the 300 Area Waste Acid Treatment System (Closure Plan Submitted: 11/26/90) (M-20-10)**
- **Initiate sampling at the following units:**
  - **304 Concretion Facility (July 1994)**
  - **200-E-8 borrow Pit Demolition Site**
  - **200 West Ash Pit Demolition Site**
  - **Hanford Patrol Academy Demolition Site**
  - **4843 Alkali Metal Storage Facility**
- **Finish DQO and Issue Resolution Process for the following units:**
  - **4843 Alkali Metal Storage Facility**
  - **100-D Ponds**
  - **304 Concretion Facility**
  - **303-K Mixed Waste Storage Facility**

## **PLANNED ACTIONS (next six months)**

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### **Unit-Specific Closure Plans (Cont'd)**

- **Submit revised closure plan for Simulated High Level Waste Slurry Treatment/Storage (last submittal June 1990)**
  - **No formal Notice of Deficiency comments from EPA/Ecology**
  - **Current information, regulations and DQO process results being incorporated**
- **Submit revised closure plans for the following:**
  - **216-B-3 Expansion Ponds**
  - **304 Concretion Facility**
  - **303-K Mixed Waste Storage Facility**
  - **218-E-Borrow Pit Demolition Site**
  - **200 West Ash Pit Demolition Site**
  - **Hanford Patrol Academy Demolition Site**
  - **4843 Alkali Metal Storage Facility**

## **PLANNED ACTIONS (next six months)**

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### **Part A**

- **Submit a revised Hanford Facility Dangerous Waste Part A Permit Application Form 3 for the following units:**
  - **325/3100; remove the 3100 portion and add the 325 Shielded Analytical Laboratory (SAL) facility and activities. (The 325 SAL currently operates under the Physical/Chemical Treatment Test Facilities Part A).**
  - **Purex/ $\text{UO}_3$ ; Form 3 revision to include dangerous waste management tanks as negotiated with Ecology and EPA.**
  - **Single-Shell Tank System; Include the new storage and treatment activities necessary for removal of the floating organic layer in Tank 103-C**
  - **B Plant; add new waste codes and remove areas which were not used for dangerous waste**

## **PLANNED ACTIONS (next six months)**

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### **Part A (Cont'd)**

- **Submit Notices of Intent for expansion under interim status for the following Hanford Facility units:**
  - **340 Complex**
  - **242-A Evaporator**
  - **222-S Laboratory Complex**
  - **WRAP**
  - **325/3100 Hazardous Waste Treatment Unit**
  - **T Plant Complex**
- **Pursue withdrawal of the Part A permit application, Form 3s for the following units:**
  - **Thermal Treatment Unit**
  - **Physical/Chemical Treatment Unit**
  - **Biological Treatment Unit**

## **PLANNED ACTIONS (next six months)**

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### **Part B**

- **Provide response to NODs received from Ecology for the following units**
  - **Effluent Treatment Facility (NOD Received 6/1/94)  
(Part B submitted: 8/30/94) (M-20-50)**
  - **242-A Evaporator (NOD Received 6/29/94)  
(Part B Submitted: 6/30/91) (M-20-17)**

## **PLANNED ACTIONS (next six months)**

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### **Part B (Cont'd)**

- **Respond to Part B NODs when received from Ecology for the following units: (Cont'd)**
  - **Liquid Effluent Retention Facility  
(NOD Response Table Submitted: 6/24/93)**
  - **Double-Shell Tank System  
(NOD Response Tables Submitted: 7/13/93 and 3/25/94)**
  - **RMW Storage Facility  
(NOD Response Table Submitted: 7/16/93)**
- **Submit a TPA Change Request to modify Milestone M-20-24A concerning PUREX**

## **PLANNED ACTIONS (next six months)**

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### **EPA/State Identification Numbers**

- **Form 2s submitted seeking separate identification numbers for non-contiguous waste management areas associated with the Hanford Site**

# MILESTONE ASSESSMENT

## M-20 Budget\* vs. Cost (\$ in 000's)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>FYTD Budget</b>	848	1747	2826	3935	5493	7096	8644	10244	12019	13900	15292	18132
<b>FYTD Cost</b>	609	1378	2079	3073	3889	5066	5955	6894				
<b>Variance</b>	239	369	746	862	1604	2030	2689	3350				

\* Amounts include both WHC and PNL Budgets

## **SPECIAL TOPICS**

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### **Draft Hanford Facility Permit**

- **Draft Hanford Facility Permit Issued for public comment February 9, 1994**
- **Hanford Site Comments on the Draft Hanford Facility Permit were submitted on April 8, and May 11, 1994**
- **Meetings to discuss comments were held on April 15, June 2, June 22, and June 29, 1994.**
  - **Senior Management allowed working group until July 1 to resolve substantive issues.**
  - **Issues to be elevated are being identified.**
  - **Outstanding issues will be resolved by Senior Management by July 22, 1994.**

### **Hanford Facility Permit Modification Schedule**

## **SPECIAL TOPICS (Cont'd)**

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### **RCRA/CERCLA Integration**

- **1301-N/1325-N Closure Plan (5/31/94) (M-20-31)**
- **1324-N/NA Closure Plan (9/30/94) (M-20-35)**
- **216-A-10 Crib (3/96) (M-20-33)**
- **216-A-29 Ditch (5/96) (M-20-36)**
- **216-A-10 Pond and Ditch (5/96) (M-20-39)**
- **216-A-37-1 Crib (No Milestone Assigned)**
- **216-A-36B Crib (3/96) (M-20-34)**
- **216-B-63 Trench (5/96) (M-20-38)**
- **207-A South Retention Basin (No Milestone Assigned)**
- **241-CX-70, 71, and 72 Tanks (No Milestone Assigned)**

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

**Jack L. Waite**

**July 6, 1994**

## **Milestone Description**

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

**M-32 establishes TPA 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 - Sept 97**
- 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 - Dec 95**
- M-32-08 Complete Grout Actions - prior to processing waste**

# Significant Accomplishments

## PFP

- **M-32-01-T01 - Submitted PFP's proposed compliance strategy for remaining dangerous waste tank system issues.**

## 219-S (222-S Lab)

- **Completed validation of Project W-087 (line replacement).**
- **Completed validation of Project W-178 (tank upgrades).**

## Significant Accomplishments (cont'd)

### T Plant

- **M-32-03-T02 - Completed CDR for T Plant tank system upgrades (Project W-259).**
- **M-32-03-T03 - Submitted schedule for completion of T Plant tank system upgrades (Project W-259).**
- **M-32-03-T04 - Completed modification of 2706-T staging pad.**
- **M-32-03-T05 - Installed level indication device for 211-T tank.**
- **Completed validation of Project W-259 (tank system upgrades).**

## Significant Accomplishments (cont'd)

### Double-Shell Tanks

- M-32-04-T04 - Submitted Transfer Facility Compliance Plan.
- M-32-04-T05 - Submitted integrity assessment program plan and schedule for DST tank systems.

### 242-A Evaporator

- M-32-05-T01 - Submitted 242-A Evaporator integrity assessment report.

## Significant Accomplishments (cont'd)

### B Plant

- **M-32-07-T01 - Submitted notification that no additional tanks would be routinely used during cleanout and stabilization activities.**
- **Integrity assessment plan has been approved and released. Has not yet been transmitted to Ecology.**
- **Integrity assessment visual inspection of tank system has begun.**

## Significant Planned Activities (next six months)

### PFP

- M-32-03-T06 - Complete construction of piping upgrades between 234-5Z, 236-~~A~~ and 241-Z tank systems (Project C-031H). Z

### 219-S (222-S Lab)

- Start Design phase of Project W-178 (tank upgrade).
- Complete phase 1 of Design phase of Project W-087 (line replacement).

### T Plant

- Preparation of advanced CDR for revalidation efforts on Project W-259 (tank system upgrades).

## **Significant Planned Activities (cont'd)**

**(next six months)**

### **Double-Shell Tanks**

- **Submit change control request to add a new interim milestone to M-32. Interim milestone will include tasks identified in integrity assessment program plan.**

### **242-A Evaporator**

- **Notify Ecology of engineering study completion (action committed to in integrity assessment report).**

### **B Plant**

- **Complete integrity assessment system inspection tasks.**

## Milestone Assessment

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

**M-32-01 Complete PFP Tank Interim Status Tank Actions. Due date: December 94. On schedule.**

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

**None**

## **Issues**

### **General Issue:**

**Need for designation of Unit Managers for M-32**

### **General Funding Issue:**

**Milestones may be affected by out-year target level funding**

### **B Plant Issue:**

**Tanks, which will store organic waste for another 5 years, are not included in assessment efforts.**

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

**M-32-00**

**Complete Identified Dangerous Waste Tank Corrective Actions**

**September 1999**

Completion of interim milestone tasks may identify the need for additional actions or interim milestones in the future. The reports and deficiency correction schedules prepared to satisfy current milestones will be used to identify any appropriate new interim milestones. Any new interim milestones will subsequently be established via the change process in Section 12 of the Action Plan.

Tank integrity assessments will not be required for terminal cleanout of the Plutonium-Uranium Extraction Plant, except for Tanks F18, U3, and U4. Integrity assessments for Tanks F18, U3, and U4 have been completed.

**M-32-01**

**Complete Plutonium Finishing Plant (PFP) Tank Interim Status Actions**

**December 1994**

Stabilization activities at the Plutonium Finishing Plant (PFP), dependent on evaluation of alternatives under the National Environmental Policy Act, will be limited to a liquid waste generation of 300,000 gallons or less to the 241-Z tank system. The waste is temporarily stored in the 241-Z Tank System prior to transfer to the Double-Shell Tank Farms. Following any such stabilization activity, the PFP will not initiate any additional mission(s), except as described below, that results in the discharge of waste to the 241-Z tanks prior to completion of tank system upgrades necessary for compliance with state and federal dangerous waste regulations.

Glove-box scale, laboratory, plant maintenance, and miscellaneous support activities necessary for safe, secure storage of materials and protection of personnel and the environment will continue. With exception of the stabilization activities, discharge to 241-Z will be limited to 50,000 gallons per year until compliance is achieved or terminal cleanout is completed. Any terminal cleanout discharge requirements in excess of 50,000 gallons per year will be reviewed and approved by the three parties prior to implementation.

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

<b>M-32-01</b>	<b>Complete Plutonium Finishing Plant (PFP) Tank Interim Status Actions</b>	<b>December 1994</b>
M-32-01-T01	Complete and submit integrity assessment report for PFP interim status tank system. Provide a schedule to address any deficiencies described in the report related to tank system compliance (Deficiencies not addressed in this schedule will be addressed in the compliance strategy of target action M-32-01-T02).	October 1993
M-32-01-T02	Submit proposed compliance strategy for remaining dangerous waste tank system issues.	June 1994
M-32-01-T03	Complete construction of piping upgrades between 234-5Z, 236-Z and 241-Z Tank System (Project C-031H).	December 1994
<b>M-32-02</b>	<b>Complete 219-S Tank Interim Status Actions</b>	<b>September 1997</b>
M-32-02-T01	Provide notification of completion of Definitive Design for Project W-178 - Construction of Interim Status Tank System Upgrades for 219-S Tank System.	January 1996
M-32-02-T02	Upgrade existing transfer lines to meet secondary containment requirements.	September 1997
<b>M-32-03</b>	<b>Complete T Plant Tank Actions</b>	<b>September 1999</b>
M-32-03-T01	Implement periodic visual inspection and static leak test program for 2706-T and 211-T tanks.	October 1993
M-32-03-T02	Complete Conceptual Design Report (Project W-259) for T Plant tank system upgrades.	April 1994
M-32-03-T03	Submit schedule for completion of T Plant tank system upgrades (Project W-259).	June 1994
M-32-03-T04	Complete modification of 2706-T Staging Pad to eliminate accumulation of precipitation.	June 1994

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

<b>M-32-03</b>	<b>Complete T Plant Tank Actions</b>	<b>September 1999</b>
M-32-03-T05	Install level indication device for 211-T tank.	June 1994
M-32-03-T06	Complete scheduled upgrades to T Plant tank system (Project W-259).	September 1999
<b>M-32-04</b>	<b>Complete Double-Shell Tank Interim Status Tank Actions</b>	<b>June 1994</b>
M-32-04-T01	Submit design standards review for one tank farm.	September 1993
M-32-04-T02	Prepare and submit report documenting non-destructive examination equipment development and implementation plans.	September 1993
M-32-04-T03	Complete all DST visual examination and prepare and submit reports.	September 1993
M-32-04-T04	Complete and submit the Transfer Facility Compliance Plan.	June 1994
M-32-04-T05	Submit to Ecology a final plan and schedule for completion of the Double-Shell Tank integrity assessments.	June 1994
<b>M-32-05</b>	<b>Complete 242-A Evaporator Interim Status Tank Actions</b>	<b>1 Month after hot restart</b>
M-32-05-T01	Complete and submit integrity assessment report for the 242-A Evaporator interim status tank system. Provide a schedule to address any deficiencies described in the report related to tank system compliance.	1 Month after hot restart
<b>M-32-06</b>	<b>Complete 244-AR Vault Interim Status Tank Actions</b>	<b>Prior to restart</b>
M-32-06-T01	Complete and submit integrity assessment report and identified upgrades for 244-AR Vault interim status tank system (except that DST transfer lines that penetrate the 244-AR Vault will continue to be used). Provide a schedule to address any deficiencies described in the report related to tank system compliance.	Prior to restart

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

<b>M-32-07</b>	<b>Complete B Plant Interim Status Tank Actions</b>	<b>December 1995</b>
M-32-07-T01	Identify additional dangerous waste tanks and ancillary equipment that will be routinely used during cleanout and stabilization activities. Submit schedule to perform integrity assessments on identified additional dangerous waste tanks and ancillary equipment.	April 1994
	B Plant will not accept any waste for treatment, except waste generated as a result of on-going B Plant/WESF operations, without completion of tank integrity assessments and completion of upgrades necessary for compliance with WAC 173-303-640 or an applicable permit on systems used for the treatment, storage or disposal of the waste.	
M-32-07-T02	Complete and submit integrity assessment plan for Tanks 25-1, 25-2, 23-1, concentrator E-23-3, and identified ancillary equipment.	October 1994
M-32-07-T03	Complete and submit integrity assessment report for Tanks 25-1, 25-2, 23-1, concentrator E-23-3, and ancillary equipment as identified in the integrity assessment plan. Provide a schedule to address any deficiencies described in the report related to tank system compliance.	December 1995
	The integrity assessment report of the low level waste concentrator, E-23-3, and the concentrated waste receiver, TK-23-1, will be completed only if their operation is planned beyond December 1995. The determination to include these two tanks in the integrity assessment report will be made by October 1994.	
<b>M-32-08</b>	<b>Complete Grout Interim Status Tank Actions</b>	<b>Prior to processing DST waste</b>
M-32-08-T01	Complete and submit integrity assessment report for Grout interim status tank system. Complete activities required to correct any deficiencies described in the report related to tank system compliance.	Prior to processing DST waste