

**START** 9713504-0076

0045741


Meeting Minutes Transmittal/Approval  
Tri-Party Agreement Milestone Review Meeting  
EPA Conference Room  
712 Swift Boulevard, Richland  
September 24, 1996

From/ Appvl.: CH Hansen Date: 10/29/96  
Charlie A. Hansen, RL  
IAMIT Representative

Appvl.: Michael Wilson Date: 10/29/96  
Michael Wilson, Ecology  
IAMIT Representative

Appvl.: Ken Oute Date: 10/29/96  
Doug Sherwood, EPA  
IAMIT Representative

Prepared by R.D. Morrison Date: 10-17-96  
Appvl.: Ron D. Morrison  
Fluor Daniel Hanford, Inc.

**Attendees**

Alexander, S. M.	Ecology	B5-18	Jackson, D. E.	RL	A5-15*
Aromi, E. D.	RFSH	T3-01	Jaraysi, M.	Ecology	B5-18
Arnold, L. D.	FDH	B2-35	McKarns, A. C.	RL	A5-15
Baker, T. L.	RFSH	T3-01	Miera, F. R.	RL	A5-15
Bazzell, K. D.	RL	S7-55*	Price, S. M.	FDH	H6-23
Carter, R. P.	RL	S7-55	Sanders, G. H.	RL	A5-15*
Clark, C. E.	RL	A5-15	Schmeeckle, T. O.	RL	A2-45
Cusack, L. J.	Ecology	B5-18	Selby, M.	Ecology	B5-18*
Bengtson, P. J.	FDH	B3-35	Sherwood, A. R.	RFSH	H6-22
Dahl, S.	Ecology	B5-18	Sherwood, D. R.	EPA	B5-01*
Dunning, D.	ODOE		Skinnarland, R.	Ecology	B5-18
625 Marion St NE, Salem, OR 97310*			Strand, C. P.	FDH	H6-24
Eacker, J. A.	RFSH	H5-32*	Svoboda, K. J.	FDH	H5-20
Furman, M. J.	RL	H0-12	Teynor, T. K.	RL	S7-55
Golden, J. W.	FDH	H5-20	Tilden, H. T.	PNL	P7-79
Hansen, C.	RL	S7-41*	Wilson, M. A.	Ecology	B5-18*
Huckavy, A. D.	Ecology	B5-18	Wilson, R.	LMSI	H6-08*
			EDMC		
cc:					
Piper, L. L.	RL	A5-11	Morrison, R. D.	WHC	B2-35
Mecca, J. E.	RL	R3-79			

\* W/Attachments

MILSTN.SEP

Meeting Minutes  
TPA Milestone Review Meeting  
EPA Conference Room  
712 Swift Boulevard, Richland  
September 24, 1996

1. M-34-00 Spent Nuclear Fuel

It was agreed by all parties to cancel this presentation.

2. M-33-00

The presentation was made by the U.S. Department of Energy, Richland Operations Office (DOE-RL). The current status of the M-33 Change Package was discussed. The State of Washington Department of Ecology (Ecology) pointed out that the LDR report required by M-26-01 would require updating in its next issue to reflect the outcome of the M-33 Change Package. The following action item was developed to be carried out by the DOE and Ecology:

Action: Chart out the process which was successfully used on the M-33 negotiations

Resp.: F. Miera/ M. Jaraysi

3. M-18-00 and M-19-00, WRAP I and II

The DOE led the discussion of WRAP I and WRAP II status (Attachment 1). M-19-95-01 is currently with Mary Riveland, Ecology under consideration.

A short description of events planned for 1997 was also presented by the DOE. It was also pointed out by the DOE that Low Level Waste processing is a candidate for future privatization. Ecology concurred with the presented information.

4. M-35-00

The presentation was made by the DOE and stated that all M-35 milestones have been completed with the exception of a future milestone in two years to determine whether future M-35 milestones are appropriate. The DOE requested that future M-35 presentations be suspended.

The U. S. Environmental Protection Agency (EPA) stated that if transition to the new contractors results in changes to data availability and content, the regulatory agencies need to be appraised.

The EPA proposed suspending M-35-00 presentations as long as transition impacts to Data Management are discussed in the December 1996 meeting.

Action: Present any impacts to Data Management in the December Milestone Review meeting.

Resp.: T. Schmeckle

Due: December 17, 1996

Suspension of the Site Management System (SMS) report was discussed along with the need to reach an agreement with the three parties as to a transition period to a new system. The following action was item was assigned:

Action: Discuss issue of SMS report suspension in the next IAMIT Meeting.

Resp.: K. Cameron

Due: October 22, 1996

5. M-24-00

The DOE presented information on RCRA Well Installation status (Attachment 2). No significant issues or action items were presented. Ecology concurred with the presentation.

6. M-32-00

The DOE led the discussion of M-32-02 funding impacts (Attachment 3). A change package will be prepared, addressing the associated impacts. It was pointed out that funding impacts to the M-32-02 interim milestone are due to increased scope, due to necessary use of respiratory protection and decontamination requirements. Ecology concurred with this presentation.

EPA asked if the major milestone (M-32-00) will be impacted. The DOE responded that there will likely be some change to the major milestone due date. Extent of impact is not fully known at this time. It was agreed that notifications and information to the EPA will be made in a timely manner.

7. M-20-00

The DOE made the presentation on the M-20-00 status (Attachments 4 and 5). Ecology led a discussion of anticipated changes to M-20 milestones as a result of the 200 Area Soil Remediation Strategy. Discussions were held regarding the integration of RCRA and CERCLA actions within the 300 area. The following action item was developed:

Action: The DOE will present to EPA and Ecology a list of those TSD units within the 300 Area Operable Units in which CERCLA should address residual contamination from these TSDs.

ATTENDEES

## TPA MILESTONE REVIEW

SEPTEMBER 24, 1996

EPA CONFERENCE ROOM  
712 SWIFT BLVD., RICHLAND

<u>NAME</u>	<u>ORGANIZATION</u>	<u>MAILSTOP</u>	<u>(✓) FOR ATTACHMENTS</u>
<u>RD MORRISON</u>	<u>WUTC-TPAI</u>	<u>B2-35</u>	
<u>DALE JACKSON</u>	<u>RL-EAP</u>	<u>A5-15</u>	
<u>Nelodie Solby</u>	<u>Ecology</u>	<u>B5-18</u>	✓
<u>Charles Hansen</u>	<u>DOE-RL</u>	<u>57-41</u>	✓
<u>MIKE WILSON</u>	<u>ECOLGY</u>		✓
<u>Ron Skinnardand</u>	<u>Ecology</u>	<u>B5-18</u>	✓
<u>LUCIA COSACK</u>	<u>ECOLGY</u>	<u>B5-18</u>	
<u>Thomas K Teyner</u>	<u>DOE-RL</u>	<u>55-77</u>	✓
<u>KEVIN D. BAZZELL</u>	<u>DOE-RL</u>	<u>55-77</u>	✓
<u>Edward D. Aironi</u>	<u>Rust Federal Services</u>		
<u>Joel A Eacker</u>	<u>Rust Federal Services</u>		✓
<u>Doug Sherwood</u>	<u>EPA</u>	<u>B5-01</u>	✓
<u>Felix R. Miera</u>	<u>RL/EAP</u>	<u>A5-15</u>	✓
<u>Steve Alexander</u>	<u>Ecology</u>		



ATTENDEES

## TPA MILESTONE REVIEW

SEPTEMBER 24, 1996

EPA CONFERENCE ROOM  
712 SWIFT BLVD., RICHLAND

<u>NAME</u>	<u>ORGANIZATION</u>	<u>MAILSTOP</u>	<u>(✓) FOR ATTACHMENTS</u>
<u>Dirk Dunning</u>	<u>Oregon Department of Energy.</u>	<u>625 Main m SF NE Salem, OR 97310</u>	<u>✓</u>
<u>FRANK CALAPRISTI</u>	<u>WHC / TPAI</u>	<u>B2-35</u>	
<u>Larry Arnold</u>	<u>WHC / TPAI</u>	<u>B2-35</u>	
<u>Moses Jarajin</u>	<u>Ecology</u>	<u>B3-18</u>	
<u>Jim Baker</u>	<u>WPM / FID</u>	<u>ETC2</u>	
<u>Ken Svoboda</u>	<u>Fluor Daniel</u>	<u>ETC2</u>	
<u>W. J. Mettress</u>	<u>Fluor Daniel</u>	<u>ETC2</u>	
<u>George Sanders</u>	<u>DOE-RL/EAP</u>	<u>A5-15</u>	
<u>Tom Baker</u>	<u>WHC</u>	<u>T1-05</u>	
<u>Theo Schmeckle</u>	<u>DOE-RL</u>	<u>A2-45</u>	
<u>M. J. Furman</u>	<u>DOE-RL</u>	<u>H4-83</u>	
<u>R. P. Carter</u>	<u>DOE-RL</u>	<u>S7-55</u>	
<u>Alisa D. Hickaby</u>	<u>Ecology</u>	<u>B5-18</u>	
<u>Ann R. Sherwood</u>	<u>WHC</u>	<u>H6-22</u>	

SEPTEMBER 24, 1996

EPA CONFERENCE ROOM  
712 SWIFT BLVD., RICHLAND

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**AGENDA**  
**IAMIT TRI-PARTY AGREEMENT MILESTONE REVIEW**  
**(CHAIRPERSON: D. R. SHERWOOD)**

**TUESDAY, SEPTEMBER 24, 1996**

**EPA CONFERENCE ROOM**  
**712 SWIFT BLVD., RICHLAND**

<u>TIME</u>	<u>MILESTONE</u>	<u>TITLE</u>	<u>RL DIVISION DIRECTOR</u>	<u>CONTRACTOR MGR.</u>	<u>PRESENTER</u>
8:30 am	M-34-00	SPENT NUCLEAR FUEL	E. D. Sellers	C. Defligh-Price	R. G. Holt
9:00 am	M-33-00	CHANGE PKG./SW FACILITIES	T. K. Teynor	M. L. Grygiel	F. R. Miera
	M-18-00	WRAP I	T. K. Teynor	D. E. McKenney	R. F. Guercia
	M-19-00	WRAP II	T. K. Teynor	D. E. McKenney	R. F. Guercia
10:00 am	M-35-00	DATA MANAGEMENT	W. A. Rutherford	M. K. Britton	T. O. Schmeeckle
10:15 am		BREAK			
10:30 am	M-24-00	GROUNDWATER WELLS	R. A. Holten	A. J. Diliberto	M. J. Furman
10:50 am	M-32-00	WASTE TANKS/CORRECTIVE ACT'N	J. E. Rasmussen	S. M. Price	A. Sherwood
11:15 am	M-20-00	PART B AND CLOSURE PLANS	J. E. Rasmussen	S. M. Price	E. M. Mattlin
11:45 am		LUNCH			

9713504-0082



**AGENDA**  
**IAMIT TRI-PARTY AGREEMENT MILESTONE REVIEW**  
**(CHAIRPERSON: D. R. SHERWOOD)**

**TUESDAY, SEPTEMBER 24, 1996**

**EPA CONFERENCE ROOM**  
**712 SWIFT BLVD., RICHLAND**

<u>TIME</u>	<u>MILESTONE</u>	<u>TITLE</u>	<u>RL DIVISION DIRECTOR</u>	<u>CONTRACTOR MGR.</u>	<u>PRESENTER</u>
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	M-18-00	WRAP I	T. K. Teynor	D. E. McKenney	R. F. Guercia
	M-19-00	WRAP II	T. K. Teynor	D. E. McKenney	R. F. Guercia
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11:15 am	M-20-00	PART B AND CLOSURE PLANS	J. E. Rasmussen	S. M. Price	E. M. Mattlin
11:45 am		LUNCH			

9713504.0083



# WRAP I - WRAP II

## M-18-00 & M-19-00

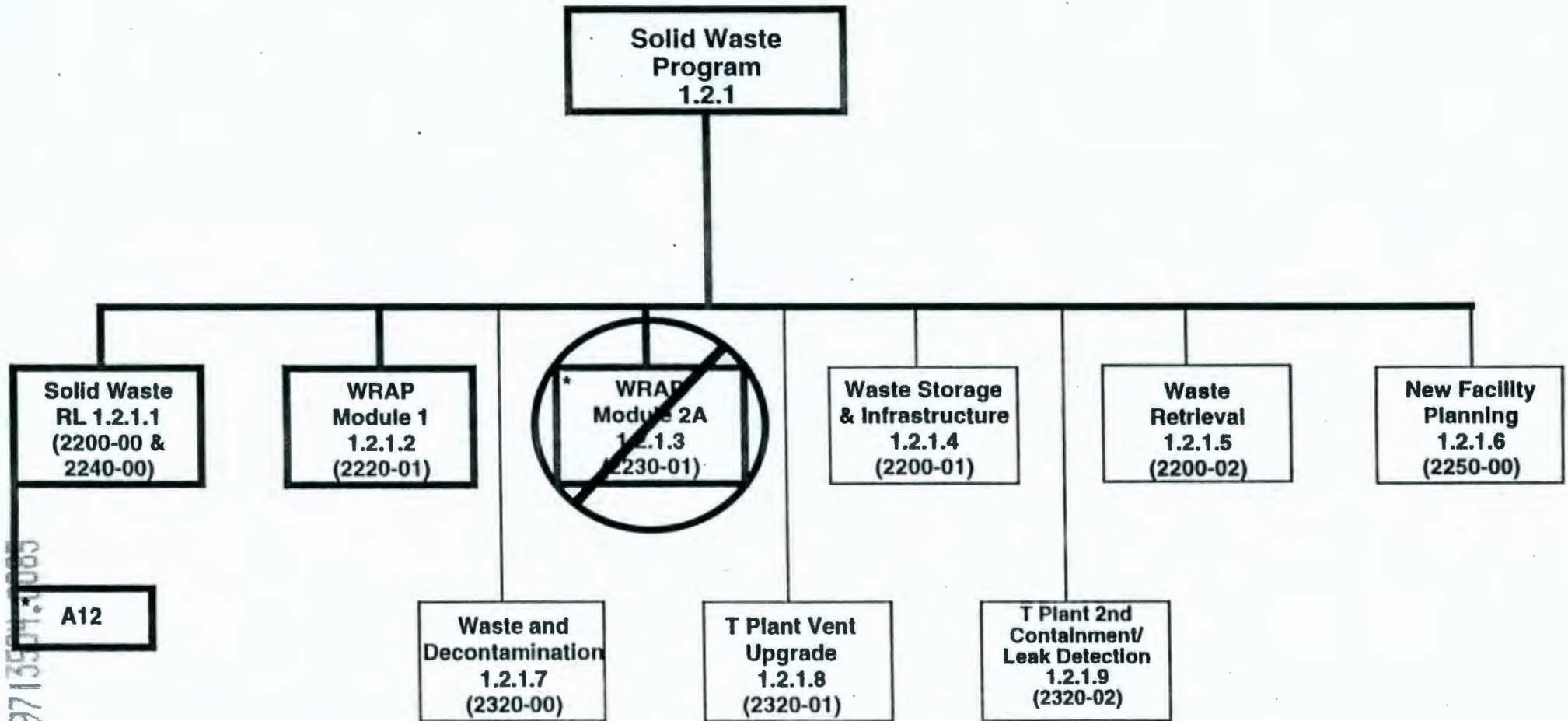
WASTE PROGRAMS DIVISION

R. F. Guercia

August 1996

9713504.0084

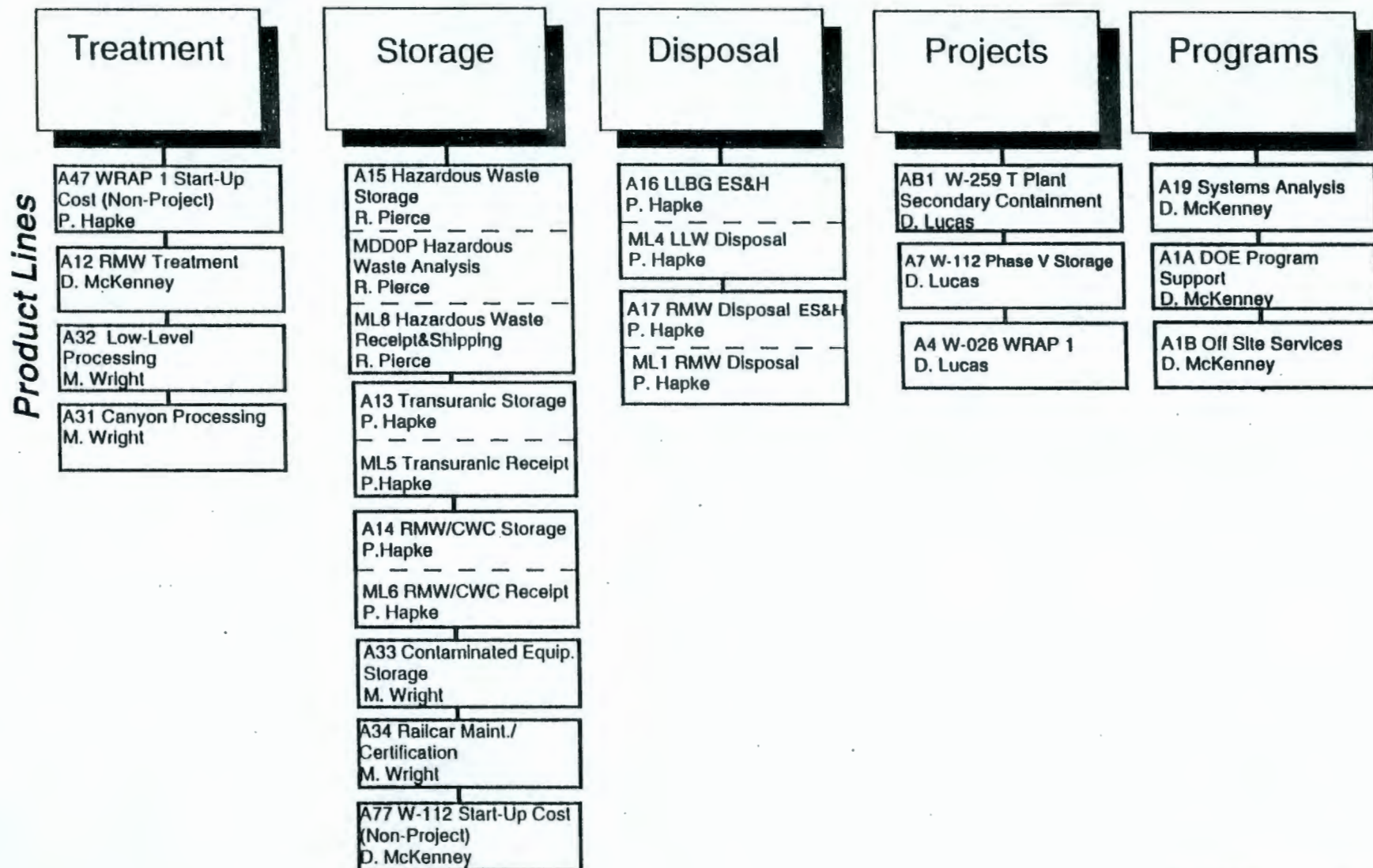
# Work Breakdown Structure



\*WRAP 2A has been terminated. The M-19 change request is in process to replace WRAP 2A treatment capability with commercial treatment services.

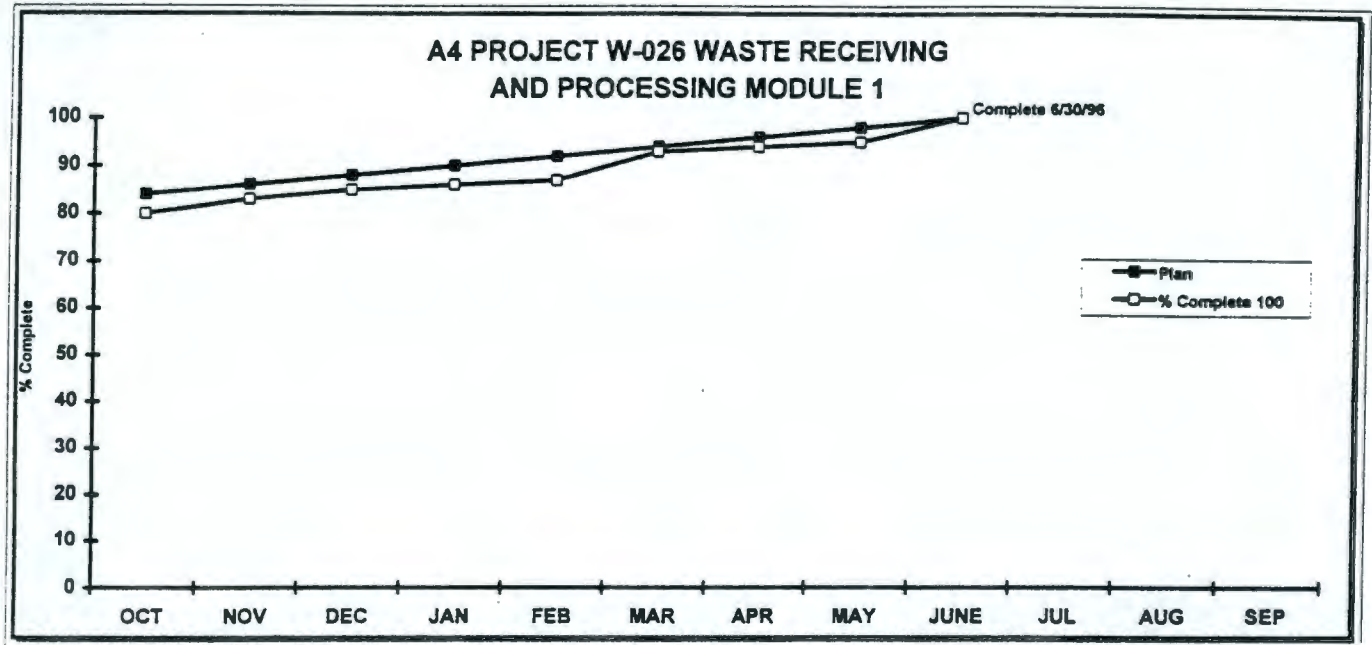
# FY 1996 Solid Waste Program Product Lines

## Product Groups

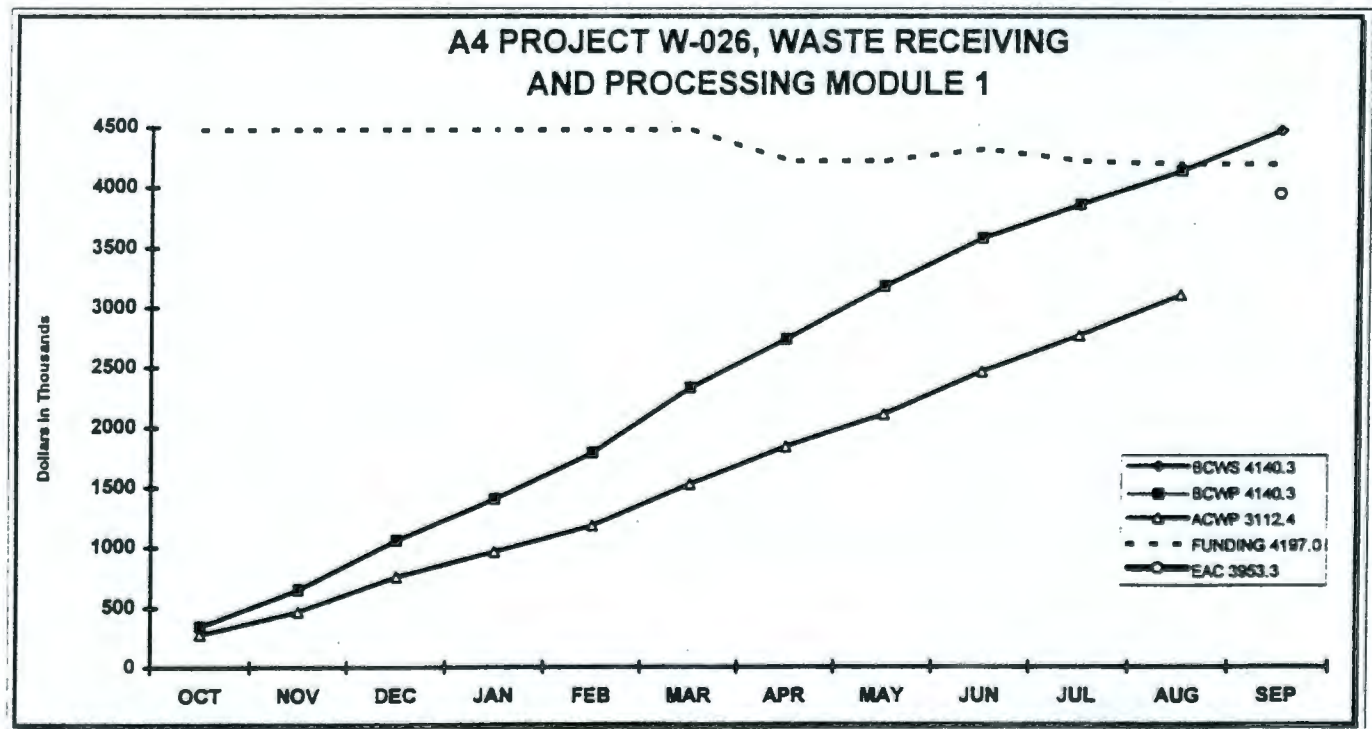




## SWD PRODUCT LINES FY 1996



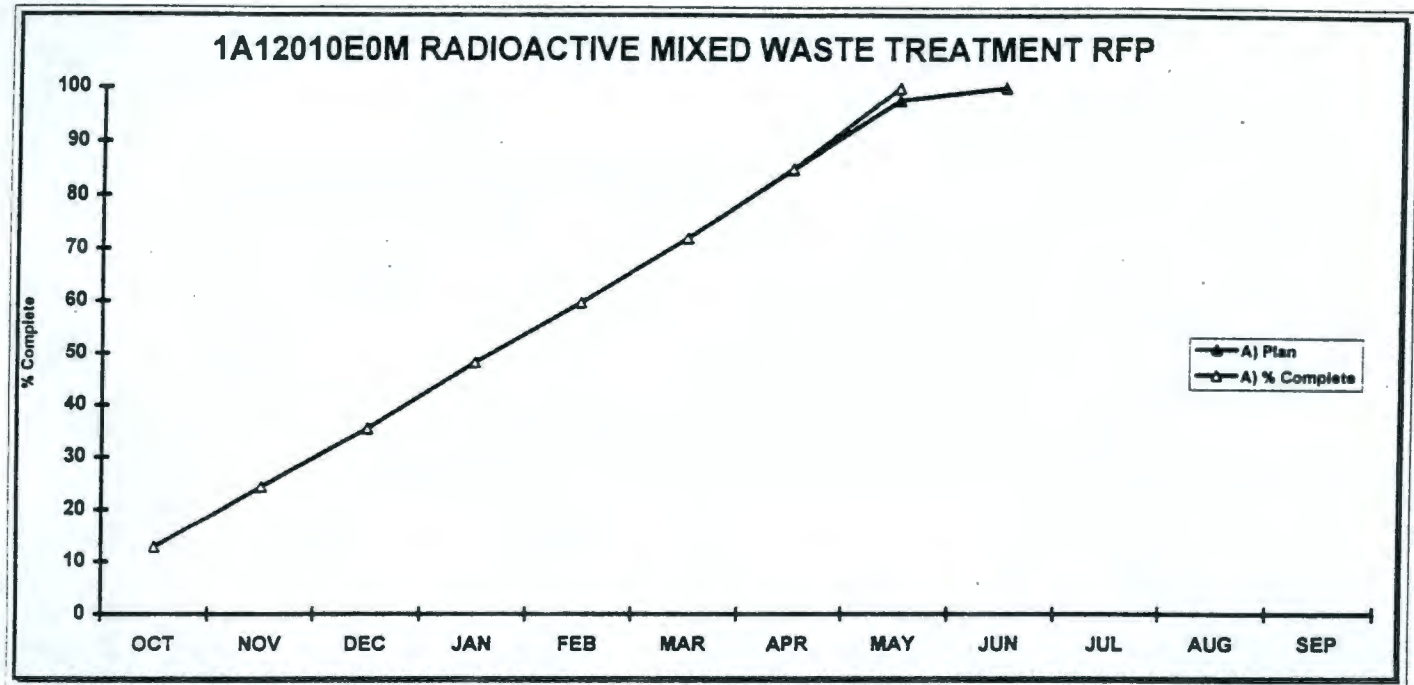
Complete construction of WRAP 1 by June 30, 1996.



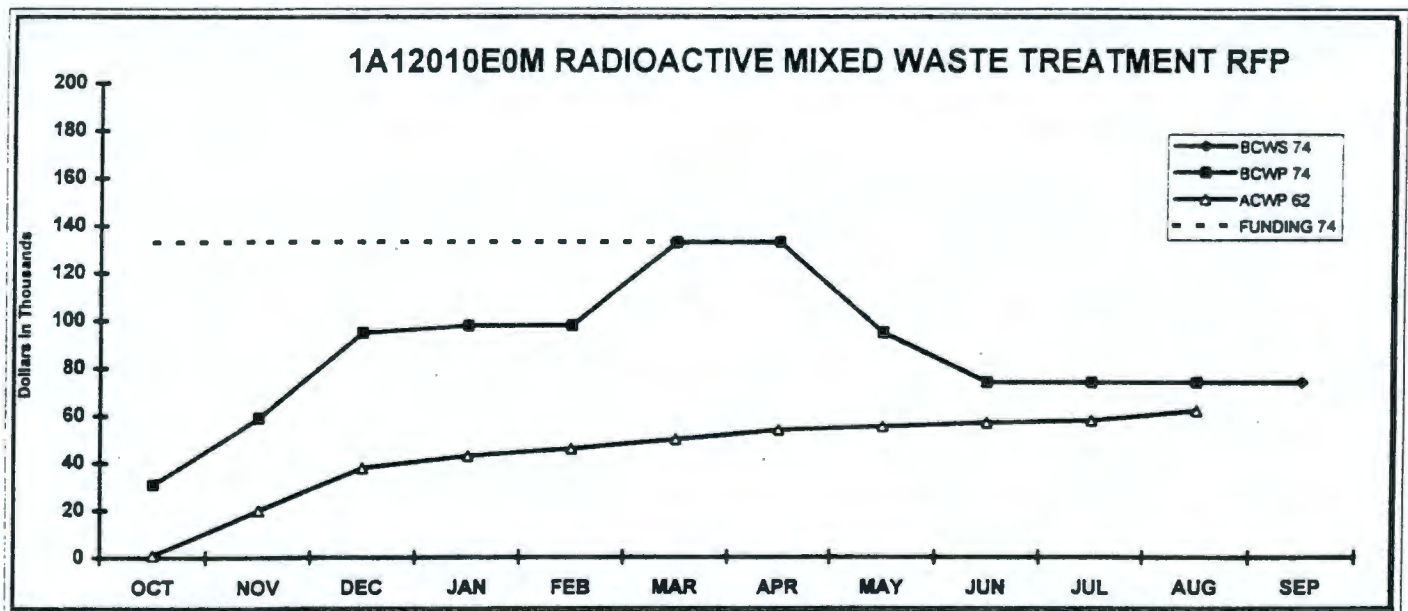
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP.
CUM BCWS	348	651	1058	1404	1787	2332	2738	3178	3580	3859	4140	4477
CUM BCWP	348	651	1058	1404	1787	2332	2738	3178	3580	3859	4140	
CUM ACWP	281	468	756	963	1181	1527	1840	2111	2467	2771	3112	



## SWD PRODUCT LINES FY 1996

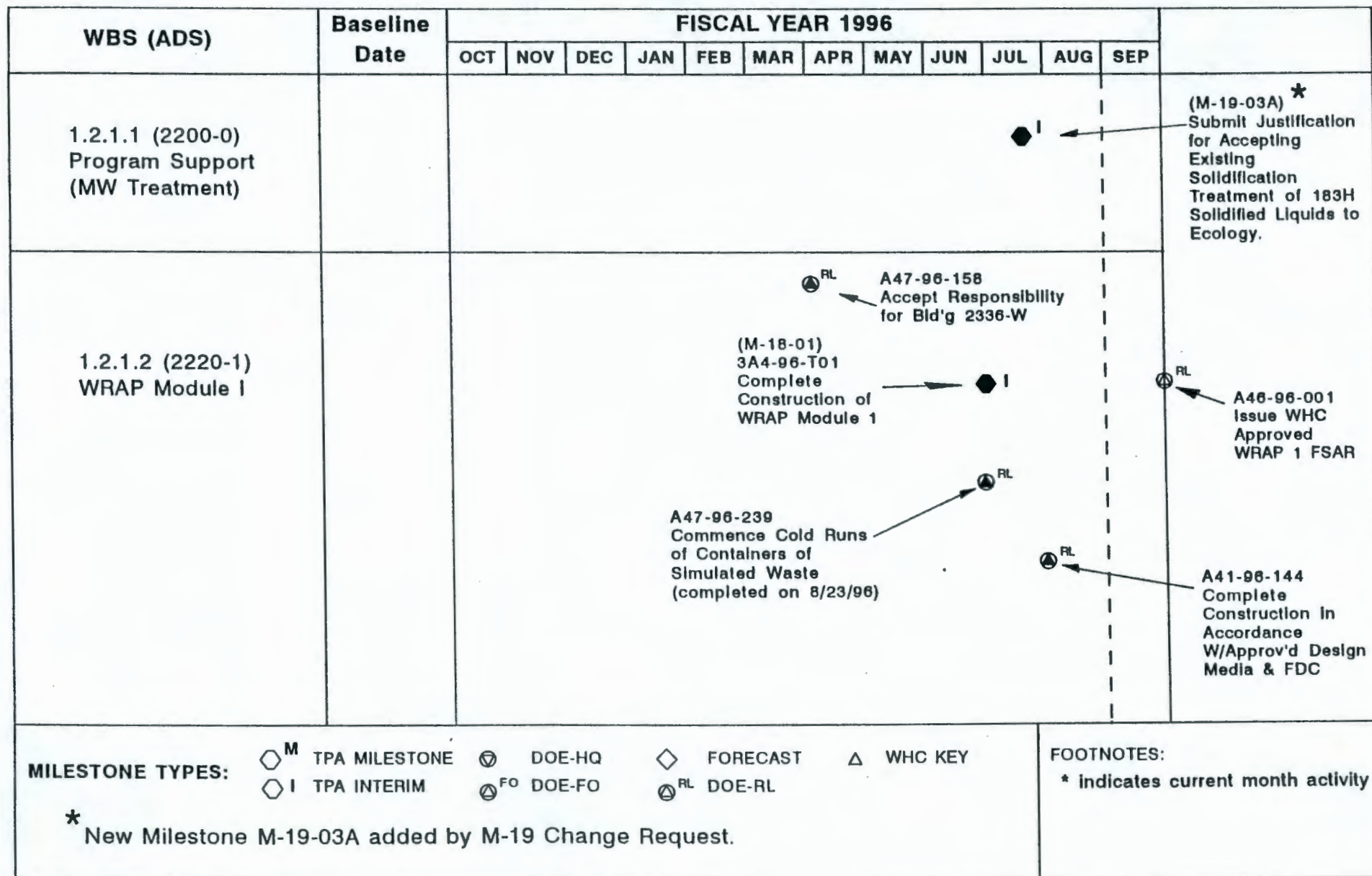


Issue WHC-approved radioactive mixed waste stabilization purchase order by 06-14-96.



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
CUM BCWS	31	59	95	98	98	133	133	95	74	74	74	74
CUM BCWP	31	59	95	98	98	133	133	95	74	74	74	
CUM ACWP	1	20	38	43	46	50	54	56	57	58	62	

**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												
1.2.1.2 (2220-1) WRAP Module I													

**MILESTONE TYPES:**

- TPA MILESTONE
- TPA INTERIM
- DOE-HQ
- DOE-FO
- FORECAST
- DOE-RL
- WHC KEY

**FOOTNOTES:**

\* Indicates current month activity

9713504.0090



## 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>
M-19-01	TPA	Complete WRAP 2A construction	9/30/98	Deleted	CR M-19-95-01 will delete M-19-01 in favor of other treatment strategies including commercial treatment.
M-19-00	TPA	Complete WRAP 2A construction and initiate operations.	9/30/99	9/30/99	Commercial treatment will begin 9/30/99, replacing milestone M-19-00.  NOTE: CR M-19-95-01 has been agreed to by the regulators and is in the final approval process. The 45-day public comment period ended June 6, 1996.

9713504.0091



## PROGRAM ACCOMPLISHMENTS

WBS

1.2.1.2

WRAP 1 (2336-W FACILITY)

In July 1996 received a letter from Ecology acknowledging completion of interim milestone M-18-01, "Complete construction of WRAP 1".

The integrated cold run operational test was begun on August 23, 1996 and drums were accepted into the facility, stored in the AS/RS, removed from storage and processed in the NDE/NDA area on a limited basis.

Acceptance testing of the Data Management System is continuing as it is integrated with the other computer systems.

The Process Control System software acceptance testing is in process and scheduled for completion by mid September 1996.

Acceptance testing of the nondestructive examination (NDE) systems has been completed.

Acceptance testing of the drum assay equipment during manual operation has been completed and deficiencies are being corrected.

Agreement has been reached with Ecology, DOE and WHC on the definition of "Initiate Operations" to meet the March 1997 TPA milestone. A memorandum of understanding is being prepared for signature by the parties.

9713504.0092

1.2.1.3	<p style="text-align: center;"><u>WRAP 2A</u></p> <p>The final version of the Tri-Party Agreement CR M-19-95-01 has been negotiated with Ecology and EPA, and the CR is in the final approval process. The CR allows treatment and/or disposal alternatives to WRAP 2A that will result in starting treatment within the time allotted to WRAP 2A, and treating waste quantities that exceed those planned for WRAP 2A.</p> <p>RL is in the process of conducting a thorough technical review of the scope of the LLMW Stabilization Services procurement. Accordingly, RL and Ecology are reviewing the due date for the three target milestones M-19-01-T01, T02 and T03 which relate to award of the stabilization services contract. RL will continue on a path to meet all other M-19 milestones as they exist in the current M-19 change request package.</p>
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9713504.0093

**EXPENSE COST PERFORMANCE**

(\$ In Millions)

WBS (ADS)	FY TO DATE					AT COMPLETION					COMMENTS
	BUDGETED COST		ACTUAL COST	VARIANCE		BAC (1)	EAC (2)	FYSF (3)	EXPECTED FUNDS FY96 (4)	PROJECTED CARRYOVER WORKSCOPE	
	WORK SCHED	WORK PERF	WORK PERF	SCHED	COST	BCWS					
1.2.1.2 WRAP 1 (2220-01)	10.3	10.3	6.9	0.0	3.4	11.6	11.6	9.8	10.4	0.0	Project terminated
1.2.1.3 WRAP 2A (2230-01)	0	0	0	0.0	0	0			0		
<b>TOTAL</b>	<b>10.3</b>	<b>10.3</b>	<b>6.9</b>	<b>0</b>	<b>3.4</b>	<b>11.6</b>	<b>11.6</b>	<b>9.8</b>	<b>10.4</b>	<b>1.8</b>	

**NOTES:**

(1) BAC represents BCWS.

(2) Expected Funds include carryover \$0.3M.

9713504.0094



SITE MANAGEMENT  
SYSTEM

WESTINGHOUSE HANFORD COMPANY  
1.2.1 SOLID WASTE PROGRAM

AUGUST 1996

## EXPENSE SCHEDULE VARIANCE ANALYSIS

WBS (WBS)	SCHEDULE VARIANCE \$0.0M	
1.2.1	<u>(Description and Cause):</u>  No current variance.	<u>(Impacts and Corrective Action:)</u>

9713504.0095



## EXPENSE COST VARIANCE ANALYSIS

WBS (ADS)	COST VARIANCE (\$3.4M)	
1.2.1	<p><u>(Description and Cause:)</u></p> <p>Cost variance due to cost savings initiatives and under accrual of external contracts.</p>	<p><u>(Impacts and Corrective Action:)</u></p> <p>No impacts. Adjust contract accrual amount by fiscal year end.</p>

9713504.0096

# CENRTC COST PERFORMANCE

(\$ In Thousands)

WBS (ADS)	PROJECT-TO-DATE					TOTAL B/A	COMMITTED (P/O, W/O)	UNCOMMITTED	COMMENTS
	BUDGETED COST		ACTUAL COST	VARIANCE					
	WORK SCHED	WORK PERF	WORK PERF	SCHED	COST				
1.2.1.2 (2220-01) WRAP Module 1	447.6	439.0	374.0	(8.6)	65.0	447.7	74.7	(1.0)	
1.2.1.3 (2230-01) WRAP Module 2	272.2	272.2	272.2	0.0	0.0	272.2	0.0	0.0	Class 1 change request was approved to transfer closeout balance to ADS 2200-0.
TOTAL	719.8	711.2	646.2	(8.6)	65.0	719.9	74.7	(1.0)	

NOTES: (1) Commitments include 15 percent G&amp;A/SWS adder.

9713504.0097

**SITE MANAGEMENT  
SYSTEM**

**WESTINGHOUSE HANFORD COMPANY  
1.2.1 SOLID WASTE PROGRAM**

**AUGUST 1996**

## 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)	53.2	52.9	51.9	(0.3)	1.0	53.6	53.6	53.6	Project terminated.
1.2.1.3 WRAP 2A (2230-01)	4.9	4.3	4.6	(0.6)	(0.3)	5.6	4.9	4.9	
TOTAL	58.1	57.2	56.5	(0.9)	.7	59.2	58.5	58.5	

9713504.0098

**CONSTRUCTION SCHEDULE VARIANCE ANALYSIS**

WBS (ADS)	SCHEDULE VARIANCE \$(.9M)	
1.2.1	<u>(Description and Cause:)</u> Variance is within established thresholds.	<u>(Impacts and Corrective Action:)</u>



## CONSTRUCTION COST VARIANCE ANALYSIS

WBS (WBS)	COST VARIANCE \$.7M	
1.2.1	<u>(Description and Cause:)</u> Variance is within established thresholds.	<u>(Impacts and Corrective Action:)</u>

9713504.0100

## ISSUES

WBS NO.	DATE IDENT	ISSUE	IMPACT	STATUS
1.2.1.2		<u>WRAP 1 - NO ISSUES</u>		
1.2.1.3	10/94	<u>WRAP 2A HAS BEEN TERMINATED</u>  CR M-19-95-01 proposes alternatives to constructing WRAP 2A, including commercial treatment.	The change request proposes treatment and/or disposal alternatives that will result in starting treatment within the time allotted to WRAP 2A, and treating waste quantities that meet or exceed those planned for WRAP 2A.	CR M-19-95-01 has been verbally approved by Ecology and has completed the 45-day public comment period. The CR is in the final approval process.  RL is in the process of a thorough technical review of the scope of the LLMW Stabilization Services procurement. RL and Ecology are reviewing the due date for three target milestone that relate to award of the stabilization services contract. RL will continue on a path to meet all other M-19 milestones as they exist in the current M-19 change request package.

9713504.0101

# **Install RCRA Groundwater Wells**

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

**M.J. Furman**

**RCRA & Operational Monitoring**

**September 24, 1996**



# Install RCRA Groundwater Wells

## Milestone M-24-00

### PROGRAM MANAGER'S ASSESSMENT

WBS	PROGRAM ELEMENT	ES&H COMPLIANCE	CUSTOMER	TECHNICAL	SCHEDULE	COST	COMMENTS
1.5.3.2	RCRA Groundwater Well Installation	N/A	□	□	◇	◇	Calendar Year 1996 Drilling to start in July

#### LEGEND

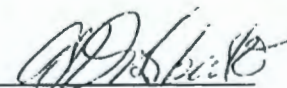
##### RATING GRADIENT SYMBOLS

■	Outstanding
□	Good
◇	Satisfactory
◐	Marginal
●	Unsatisfactory

##### INDICATORS

+	Improved from last month
--	Worsened from last month
↑	Improved future outlook
↓	Worsened future outlook

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



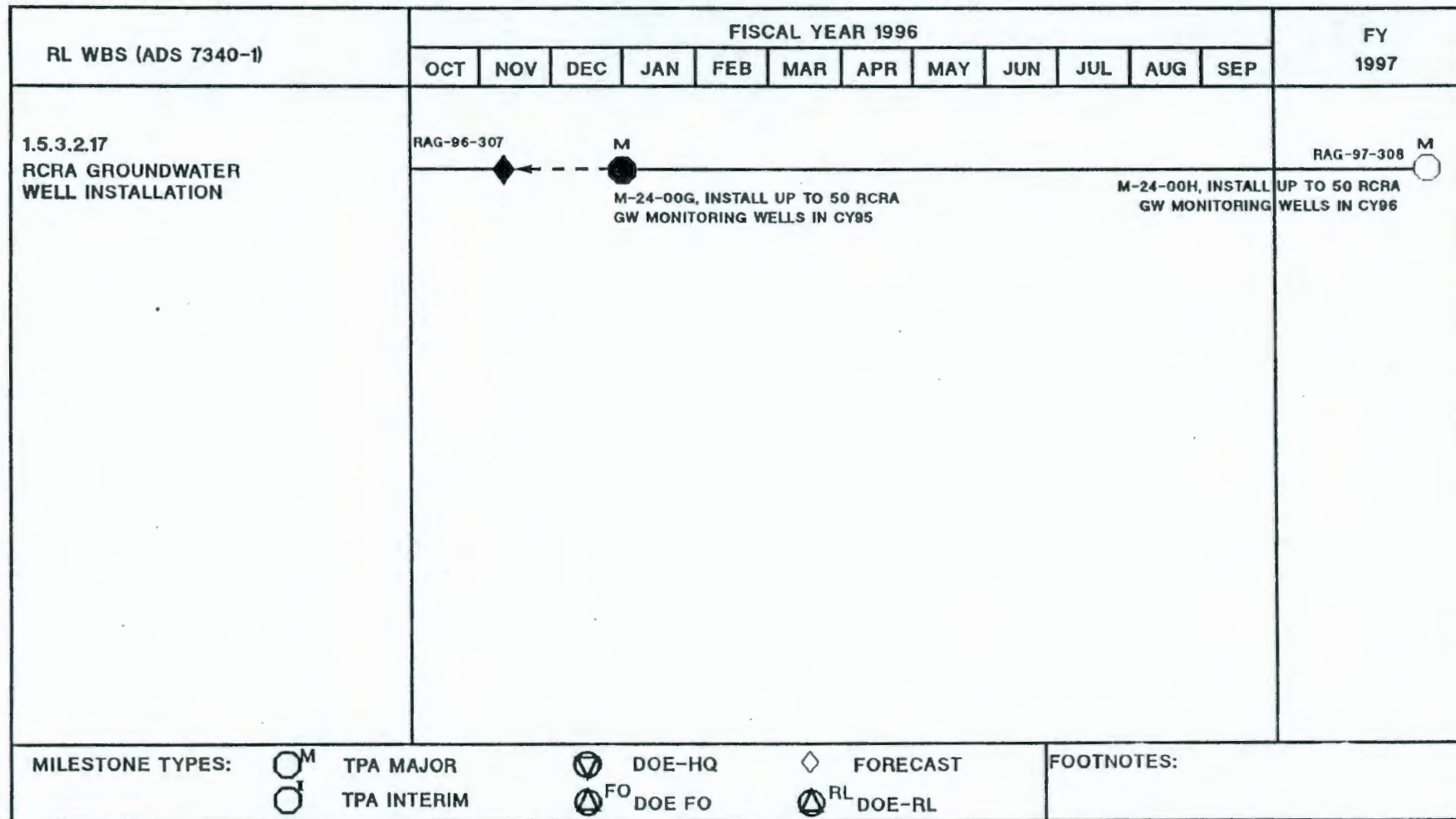
**A.J. DILIBERTO**  
WHC PROGRAM MANAGER

9713504.0103

# Install RCRA Groundwater Wells

## Milestone M-24-00

### PROGRAM PERFORMANCE BASELINE SCHEDULE



## **Install RCRA Groundwater Wells Milestone M-24-00**

### **Planned Actions: (Next 6-Months)**

- **Complete installation of one well in the 216-A37-1 Area for groundwater monitoring.**
- **Department of Ecology to concur with compliance of 10 TSD's or provide new groundwater well location(s) for complaint groundwater monitoring well networks by September 30, 1996.**
- **Initiate Negotiation on Drilling requirements for calendar year 1997**
- **Continue investigation of B-BX-BY groundwater. Completion expected by the end of September 1996.**



## **Install RCRA Groundwater Wells Milestone M-24-00**

### **Accomplishments:**

- **Initiated installation of one well at 216-A37-1 for groundwater monitoring.**
- **Completed Assessment Plan for S-Sx Tank Farm. Submitted plan to Department of Ecology for review.**

9713504.0106

## **Install RCRA Groundwater Wells Milestone M-24-00**

### **Issues:**

- **Awaiting reply from the Department of Ecology on petition for concurrence on ten Treatment, Storage and Disposal Facilities groundwater monitoring networks.**

9713504.0107

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

**A. R. Sherwood**

**September 24, 1996**



## 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 - Sept 97**

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

**M-32-04 Complete DST Actions - June 94**

9713504.0110

## Deliverables and Baseline Schedules (cont'd)

**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**

9713504.0111



# Significant Accomplishments

## 219-S (222-S Lab)

- **Project W-178 (tank system upgrades):** Completed removal of existing instrumentation/control panels and installation of new panels. Remaining construction of Phase I is 98% complete.

**Project W-087 (line replacement):** Installed the main header within Tunnel T-4 of the 222-S service tunnels. Completed Phase I (piping from 219-S to 244-S) construction and punchlist items.

# Significant Accomplishments (cont'd)

## T Plant

- **Project W-259 (tank system upgrades): Held 90% definitive design review. All comments have been addressed.**

## B Plant

- **M-32-07 - Completed operations to separate radionuclides from the organic solvent waste to support disposition of the waste to an offsite disposal facility or compliant interim storage.**

9713504.0113

# Significant Accomplishments (cont'd)

## Double-Shell Tanks (DST)

- Evaluated four contractor bid proposals for ultrasonic examination of a selected double-shell tank.
- Performed visual (videotaped) examination of the 244-A Double-Contained Receiver Tank.
- Held meetings between WHC, DOE-RL and Ecology to discuss the scope of the DST ultrasonic examinations, the ultrasonic acceptance criteria, and the role of the Tank Structural Integrity Panel.

9713504.0114



## Significant Planned Activities (next six months)

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

- **Project W-178 (tank system upgrades):** Perform acceptance test procedure and release Phase I as-built drawings. Phase II activities on hold until funding is received from Congress.

**Project W-087 (line replacement):** Complete tie-in of drain lines to main header within Tunnel T-4. Resume decontamination in Tunnels T-7 and T-8 of the 222-S service tunnels. Install the main headers in Tunnels T-7 and T-8.

9713504.0115

# Significant Planned Activities (cont'd)

## T Plant

- **Project W-259 (tank system upgrades): Complete definitive design by end of September. Begin site preparation for construction phase which is expected to start early 1997.**

## Double-Shell Tanks

- **Issue the "DST Integrity Assessments Ultrasonic Test Equipment Performance Test Report" and the "DST Waste Transfer Piping/Pit System Integrity Assessment Report".**

# Significant Planned Activities (cont'd)

## Double-Shell Tanks (cont'd)

- Perform DST sidewall UT examination by selected contractor.
- Perform leak test of the 244-A Double-Contained Receiver Tank.
- Complete revision of TWRS DST Waste Transfer System Facility Compliance Plan.
- Prepare integrity assessment reports for the DST Waste Transfer System catch tanks and double-contained receiver tanks.



# Significant Planned Activities (cont'd)

## Double-Shell Tanks (cont'd)

- Acquire sufficient funding to support DST UT examinations and DST waste transfer system integrity assessment activities.
- Continue to conduct meetings with Ecology to establish a mutually agreeable path forward for performance of DST UT examinations.

9713504.0118

# Milestone Assessment

- Milestones Due But Not Complete (next six months)
- Milestones in Jeopardy (beyond six months)

**M-32-02 - Complete 219-S Tank Interim Status Actions by September 1997.**

9713504.0119

# Issues

## **219-S Issue:**

**M-32-02/Project W-178 - Current funding only allows for the completion of Phase I. Additional funding is anticipated by 1/98 which will allow for the completion of Phase II by 3/99. M-32-02 change request is being drafted.**

9713504.0120




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

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

Legend:

- ☐ Good Performance  
↓ Worsened Future Outlook

  
D. E. Jackson  
RL Project Manager

9/23/96  
Date

Submit Part B Permit Applications or Closure Plans  
for all RCRA TSD Units  
Milestone M-20-00

PROGRAM MANAGER'S ASSESSMENT

WBS	PROJECT ELEMENT	ES & H COMPLIANCE	CUSTOMER	TECHNICAL	SCHEDULE	COST	COMMENTS
1.5.2	Hanford Environmental Management Program	■	■	■	■	■	
1.4.10	Environmental Restoration	□	□	■	□	□	All milestones are on schedule.

LEGEND

RATING GRADIENT SYMBOLS

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

9713504.0122

# 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 24, 1996

## MILESTONE DESCRIPTION

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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 three months)

---

### Closure Plans

- Submitted Certification of Closure for 183-H on 7/26/96
- Submitted PUREX Preclosure Workplan, 7/31/96; TPA Milestone M-20-24A
- Held final DQO meeting for 324 REC/HLV

### Hanford Facility RCRA Permit

- Quarterly Class 1 modification package submitted to Ecology in accordance with Permit Condition I.C.3 on 7/10/96
- Revision 2 of the Hanford Facility Dangerous Waste Permit Application, General Information Portion submitted to Ecology on 7/26/96
- Submitted RCRA Permitting Documentation for transfer of contractor from WHC to PHMC
- Submitted Quarterly 183-H Basins Groundwater Monitoring Report on 9/30/96

## ACCOMPLISHMENTS (last three months)

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### Part A

- Submitted 33 Hanford Facility Dangerous Waste Part A Permit Application Form 3 revisions for transition from WHC to PHMC
- Submitted 1 Hanford Facility Dangerous Waste Part A Permit Application Form 1 revision for transfer of contractor from WHC to PHMC
- An addendum to the Notice of Intent for Expansion Under Interim Status was filed for the Low-Level Burial Grounds to include container storage



## ACCOMPLISHMENTS (last three months)

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### Part A (cont'd)

#### ■ Procedural Closures:

- Submitted Part A, Form 3 with "Closed" stamped on front page for Thermal Treatment Test Facility
- Submitted Part A, Form 3 with "Closed" stamped on front page for Physical/Chemical Treatment Test Facility
- Received tentative approval for procedural Closure of Biological Treatment Test Facility

### Part B

- Submitted the PUREX Storage Tunnels Dangerous Waste Part B Permit Application, Revision 3 on 7/26/96
- Held 3 DQO Workshops on 325 Hazardous Waste Treatment Unit (resolution of waste analysis issues remain)



## PLANNED ACTIONS (next six months)

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### Unit-Specific Closure Plans

- Submit closure certification for the following units:
  - 105-DR Sodium Fire Facility
  - 4843 Alkali Metal Storage Facility
  - 3718-F Alkali Metal Storage and Treatment Facility
- Prepare final DQO report for 324 REC/HLV; prepare and submit closure plan
- Continue work on Revision 1 of 300 Area Waste Acid Treatment System Closure Plan including workshops while awaiting NOD comments

9713504-0128

## PLANNED ACTIONS (next six months)

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### Unit-Specific Closure Plans (cont'd)

- Submit Survey Plot and Notice in Deed for 183-H
- Submit 241-Z Treatment and Storage Tanks Closure Plan Revision 0 due 12/31/96

### Part A

- Submit revised Hanford Facility Dangerous Waste Part A Permit Application, Form 3s, with "Closed" stamped on front page for the following units:
  - 4843 Alkali Metal Storage Facility
  - 3718-F Alkali Metal Storage and Treatment Facility
  - 183-H Solar Evaporation Basin
  - Biological Treatment Test Facilities



## PLANNED ACTIONS (next six months)

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### Part A (cont'd)

- Submit revised Hanford Facility Dangerous Waste Part A Permit Application, Form 3s, for the following units:
  - B Plant Complex, Revision 6
  - Single-Shell Tank System, Revision 5
  - Low-Level Burial Grounds, Revision 9
  - 222-S Laboratory Complex, Revision 5
  - 325 Hazardous Waste Treatment Units, Revision 4
- Pursue procedural closure for the following units:
  - Biological Treatment Test Facilities
  - 221-T Containment Systems Test Facility
  - 1706-KE Waste Treatment System
  - 2727-WA SRE Sodium Storage Buildings



## PLANNED ACTIONS (next six months)

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### Part A (cont'd)

- 437 Maintenance and Storage Facility
- 332 Storage Facility
- 324 Sodium Removal Pilot Plant

### Part B

- Submit the Low-Level Burial Grounds, Revision 1, advanced draft by 10/15/96
- Continue NOD workshops with Ecology for the following units:
  - Double-Shell Tank System (NOD Response Tables Submitted 7/13/93 and 3/25/94)
  - 200 Area Liquid Waste Complex (LERF, ETF, 242-A) (NOD Response Tables Submitted 6/24/93, 9/26/94, and 10/26/94)

## PLANNED ACTIONS (next six months)

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### Part B (cont'd)

- 325 Hazardous Waste Treatment Units (NOD's response table under development)
- Central Waste Complex (NOD Response Table Submitted 9/27/95)
- Waste Receiving and Processing Facility 1 (NOD Response Table Submitted 2/17/95)

### Hanford Facility RCRA Permit

- Submit Quarterly Class 1 modification packages to Ecology in accordance with Permit Condition I.C.3 by 10/10/96, 1/10/97, 4/10/97
- Conduct Site-Wide Inspections according to schedule submitted to Ecology

## PLANNED ACTIONS (next six months)

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### Hanford Facility RCRA Permit (cont'd)

- Support Modification B to the permit
- Submit Annual Closure Cost Estimate Report to Ecology by 10/31/96
- Revision 3 of the Hanford Facility RCRA Permit becomes effective 12/96

9713504.0133



# M-20 Anticipated Changes

TPA Quarterly Review  
September 1996

9713504.0134



## Reasons for Possible Changes:

- Enhance chances to integrate RCRA and CERCLA administrative and field cleanup and closure activities.
- Possible changes to ER cleanup milestones resulting from the 200 Area Soil Remediation Strategy.

# Impacted Milestones:

- M-20-33: 216-A-10&36B Cribs (6/30/98)
- M-20-39: 216-S-10 Pond & Ditch (6/30/99)
- M-20-52: 216-A-37-1 Crib (10/31/98)
- M-20-53: 207-A Retention Basin (10/31/99)
- M-20-54: 241-CX Tank System (2/28/00)