

Meeting Minutes Transmittal

WASTE RECEIVING AND PROCESSING Unit Managers Meeting Federal Building, Room 784B Richland, Washington

October 28, 1993
2:00 p.m. to 4:00 p.m.

The undersigned indicate by their signatures that these meeting minutes reflect the actual occurrences of the above dated Unit Managers Meeting.

RC Bowman for Date: 1/5/94
Clifford E. Clark, Unit Manager, RL
(Represented by Roger C. Bowman, WHC)

Daniel L. Duncan Date: 12/13/93
Daniel L. Duncan, RCRA Program Manager, EPA Region 10

Jeanne J. Wallace Date: 12/8/93
Jeanne J. Wallace, Unit Manager, Washington State Department of Ecology

Waste Receiving and Processing, WHC Concurrence

Richard D. Pierce Date: 12/8/93
Richard D. Pierce, Contractor Representative, WHC
(Represented by Barbara Broomfield, WHC)

PURPOSE: Discuss permitting process.

- Meeting Minutes are attached. Minutes are comprised of the following:
- Attachment 1 - Agenda
 - Attachment 2 - Summary of Meeting Discussion and Commitments/Agreements
 - Attachment 3 - Attendance List
 - Attachment 4 - Action Items
 - Attachment 5 - Project Status WRAP 1 and WRAP 2A
 - Attachment 6 - WRAP 1 Throughput



9413095-1995

Attachment 1

AGENDA
UNIT MANAGERS MEETING
THURSDAY, OCTOBER 28, 1993
FEDERAL BUILDING
825 JADWIN AVENUE
ROOM 784B
RICHLAND, WASHINGTON
2:00 p.m. - 4:00 p.m.

WASTE RECEIVING AND PROCESSING

WRAP MODULE 1

1. Approval of past UMM minutes (Ecology/RL/WHC)
2. Status of WRAP Module 1 schedule/design/construction (RL/WHC)
3. Status of WRAP Dangerous Waste Permit Application (Ecology/RL/WHC)
4. Unit specific topics (Ecology/RL/WHC)
 - Presentation: Internal Material Handling
5. General discussion (Ecology/RL/WHC)
6. Action items (Ecology/RL/WHC)
 - Previous action items
 - Provide NOD Response Table to Ms. J. Wallace (Ecology)
 - New action items
7. Set next meeting date (Ecology/RL/WHC)
 - Tentative dates
 - Proposed topics

WRAP MODULE 2A AND WRAP Module 2B

1. Approval of past UMM minutes [Refer to WRAP Module 1(Ecology/RL/WHC)]
2. Status of WRAP Modules 2A and 2B schedule/design/construction (RL/WHC)
3. Status of WRAP Dangerous Waste Permit Application (Ecology/RL/WHC)
4. Unit specific topics (Ecology/RL/WHC)
 - Status of WRAP 2A Change Request
5. General discussion (Ecology/RL/WHC)
6. Action items (Ecology/RL/WHC)
 - Previous action items
 - Provide a copy of the CDR for WRAP Module 2A to Mr. D. Duncan (EPA)
 - Status of Ecology review of the Conceptual Design Report for WRAP Module 2A
 - New action items
7. Set next meeting date (Ecology/RL/WHC)
 - Tentative dates
 - Proposed topics

9413095-1996
9867 9608146

Attachment 2

**WASTE RECEIVING AND PROCESSING
Unit Managers Meeting
Federal Building, Room 784B
Richland, Washington**

**October 28, 1993
2:00 p.m. to 4:00 p.m.**

Summary of Discussion and Commitments/Agreements

WRAP MODULE 1

1. Approval of Past Unit Manager Meeting Minutes

Mr. B. M. Barnes (WHC) handed out the August 1993 WRAP Unit Managers' Meeting minutes for signature approval. Mr. Barnes also stated that the September 1993 Unit Managers' Meeting minutes would be transmitted for review and comment shortly.

2. Status of Wrap Module 1 Schedule/Design/Construction

Mr. H. Spanheimer (WHC) provided the status of WRAP Module 1 design and construction schedule (Attachment 5). Mr. M. N. Jaraysi (Ecology) requested notification at the next Unit Managers Meeting of the expected start date for construction.

3. Status of WRAP Dangerous Waste Permit Application

Mr. Barnes initiated a discussion regarding the proposed submittal date of March 31, 1994, for the WRAP 1 permit application. Mr. R. C. Bowman (WHC) suggested that Mr. Barnes and Ms. J. J. Wallace (Ecology) set up a meeting to discuss resolution of the NOD response table and then determine whether the March 1994 submittal date is appropriate.

4. Unit Specific Topics

Ms. S. L. Kooiker (WHC) distributed a handout (Attachment 6) and gave a presentation regarding internal material handling.

5. General Discussion

There were no topics for general discussion.

6. Action Items

Mr. Barnes provided the NOD response table to Ms. Wallace and set up a meeting with Ms. Wallace to resolve the outstanding NODs, which closed action item 9-29-93:3.

9413005.1992

7. **Set Next Meeting Date**

The next Unit Managers Meeting was scheduled for videoconference on December 8, 1993. Mr. Duncan suggested that a status on the NODs be provided.

WRAP MODULES 2A and 2B

1. **Approval of Past Unit Manager Meeting Minutes**

Mr. B. M. Barnes (WHC) handed out the August 1993 WRAP Unit Managers' Meeting minutes for signature approval. Mr. Barnes also stated that the September 1993 Unit Managers' Meeting minutes would be transmitted for review and comment shortly.

2. **Status of WRAP Modules 2A and 2B Schedule/Design/Construction**

Mr. Spanheimer provided the status of the WRAP 2A and 2B design and construction schedule (Attachment 5). Mr. Jaraysi inquired about the funding availability for the definitive design, and Mr. Spanheimer indicated funding had been identified for the first quarter of fiscal year 1994.

3. **Status of WRAP Dangerous Waste Permit Application**

Mr. Barnes stated that the status of the permit was addressed in the WRAP Module 1 Unit Manager Meeting.

4. **Unit Specific Topics**

- There was a lengthy discussion regarding the WRAP 2A change request. Mr. Jaraysi stated his understanding was that the change request related to WRAP 2B and not 2A, and that WRAP 2B was not included in the scope of the multi-purpose storage facility under Milestone 49. Ms. L. C. Borneman (WHC) stated that RL believes WRAP 2B was included in the scope of the multi-purpose facility, and that this issue needs to be resolved between RL and Ecology. Ms. B. J. Broomfield (WHC) proceeded to explain the intent of the original change request was to segregate the functions of WRAP 2, in which WRAP 2A would deal with the contact-handled waste and small boxes and WRAP 2B would handle the remote-handled transuranic waste and oversized boxes. Ms. Broomfield added that she believed the original change request had not been rewritten, and the change request is still to divide WRAP 2 into the two functions.

A multi-purpose facility meeting is scheduled for November 4, 1993, and the issue of the WRAP 2 change request will be discussed. Ms. Wallace noted that she had requested at the September 1993 Unit Managers Meeting to be apprised of the multi-purpose facility meetings, but had not been notified of pending meetings. Mr. Barnes took an action to ensure that Ms. Wallace would be informed of the multi-purpose facility meetings.

9413095.1988

5. **General Discussion**

There were no topics for general discussion.

6. **Action Items**

There were two open action items from the September 1993 Unit Managers Meeting. Mr. Barnes provided Mr. Duncan with a copy of the WRAP Module 2A conceptual design report, which closed out action item 9-29-93:4. Action item 9-29-93:2 was left open. Ecology (Ms. Wallace) was to provide the status of its review of the conceptual design report (CDR) for WRAP Module 2A, and Ms. Wallace reported that Mr. J. Hensley (Ecology) is still reviewing the CDR. There was one new action item for Mr. Barnes to keep Ecology (Ms. Wallace) apprised of the multi-purpose facility meetings.

7. **Set Next Meeting Date**

The next Unit Managers Meeting was scheduled for videoconference on December 8, 1993. Mr. Duncan requested that more details on the waste immobilization testing program be presented at the next Unit Managers Meeting.

9413095.1989

Attachment 3

WASTE RECEIVING AND PROCESSING
Unit Managers Meeting
Federal Building, Room 784B
Richland, Washington

October 28, 1993
1:00 p.m. - 4:00 p.m.

Attendance List

	Name	Organization	Phone #
X	Kathy Knox	WMC	372-3596
X	Roger Bowman	WMC	372 376-4876
X	Dan Duncan (video)	EPA	(206) 553-6693
X	Barbara Broomfield	WMC	372-0733
X	LEON WILSON	WMC	372-0521
X	JOAN K. BARTZ	GSJC	946-3693
X	BAFF M. BARNES	WMC	376-3640
	DAN L. DUNCAN	EPA	
X	Jeanne Wallace	Ecology	736-3019
X	Alisa D. Huckaby	Ecology	736-3034
	Timothy J. Powell	MACTFC supporting SWTR	372-1209
X	Dee W. Lloyd	GSJC	946-3695
X	S. Fickler	WMC	376-0133
X	Jeff Whitcomb	WMC	376-1664
X	Henry Spangheimer	WMC	372-2700
X	Moses Jarajic	Ecology	736-3016

9413095.1990

Attachment 4

WASTE RECEIVING AND PROCESSING
Unit Managers Meeting
Federal Building, Room 784B
Richland, Washington

October 28, 1993
2:00 p.m. to 4:00 p.m.

Action Items

<u>Action Item #</u>	<u>Description</u>
09-29-93:1	WHC to provide an update on discussions with Savannah River regarding the debris rule. ACTION: O. Kruger (WHC) OPEN
09-29-93:2	Ecology will provide the status of its review of the conceptual design report for WRAP Module 2A. ACTION: J. Wallace (Ecology) OPEN
09-29-93:3	WHC to provide the WRAP NOD Response Table to Ecology (Ms. J. Wallace), then schedule a meeting to resolve the outstanding NODs. ACTION: B. M. Barnes (WHC) CLOSED
09-29-93:4	WHC to provide a copy of the Conceptual Design Report for the WRAP Module 2A to EPA (Mr. D. L. Duncan). ACTION: B. M. Barnes (WHC) CLOSED
10-28-93:1	WHC will ensure that Ecology (Ms. Wallace) is apprised of multi-purpose facility meetings. OPEN

1993-10-28 16:30:15

Attachment 5

**WASTE RECEIVING AND PROCESSING
Unit Managers Meeting
Federal Building, Room 784B
Richland, Washington**

**October 28, 1993
2:00 p.m. to 4:00 p.m.**

PROJECT STATUS WRAP 1 AND 2A

9413095.1992

PROJECT STATUS

WRAP 1

The Key Decision 3 meeting is in progress today. We expect notification of the decision this afternoon from our personnel attending the meeting. This decision is required for approval to start construction.

The bid packages for construction of the facility are being opened at 2:00 pm this afternoon.

WRAP 2A

The advanced conceptual design will be completed in mid February. Detailed design will start in January. The proposal from the AE for definitive design is still being evaluated. Value Engineering studies performed this month optimized the main process enclosure. The Waste Immobilization Testing Demonstration program activities continue.

9413095.1993

Attachment 6

**WASTE RECEIVING AND PROCESSING
Unit Managers Meeting
Federal Building, Room 784B
Richland, Washington**

**October 28, 1993
2:00 p.m. to 4:00 p.m.**

WRAP 1 THROUGHPUT

9413095-1994

WRAP 1 THROUGHPUT

- **RECEIVES 6825 DRUMS OF WASTE PER YEAR
(40/DAY)**
- **RECEIVES 70 BOXES OF WASTE PER YEAR
(2/WEEK)**
- **SHIPS 2550 DRUMS OF LOW LEVEL WASTE PER
YEAR (15/DAY)**
- **SHIPS 3037 TRANSURANIC DRUMS TO WIPP PER
YEAR (18/DAY)**
- **SHIPS 70 BOXES PER YEAR
(2/WEEK)**

CONTAINER TYPES

- **WRAP 1 RECEIVES WASTE IN 3 TYPES OF CONTAINERS**
 - **55 GALLON DRUMS**
 - **85 GALLON OVERPACKS**
 - **BOXES < 8'L x 5'W x 5'H**
- **MAXIMUM DRUM WEIGHT OF 1,000 LBS.**
- **MAXIMUM BOX WEIGHT OF 7,000 LBS.**

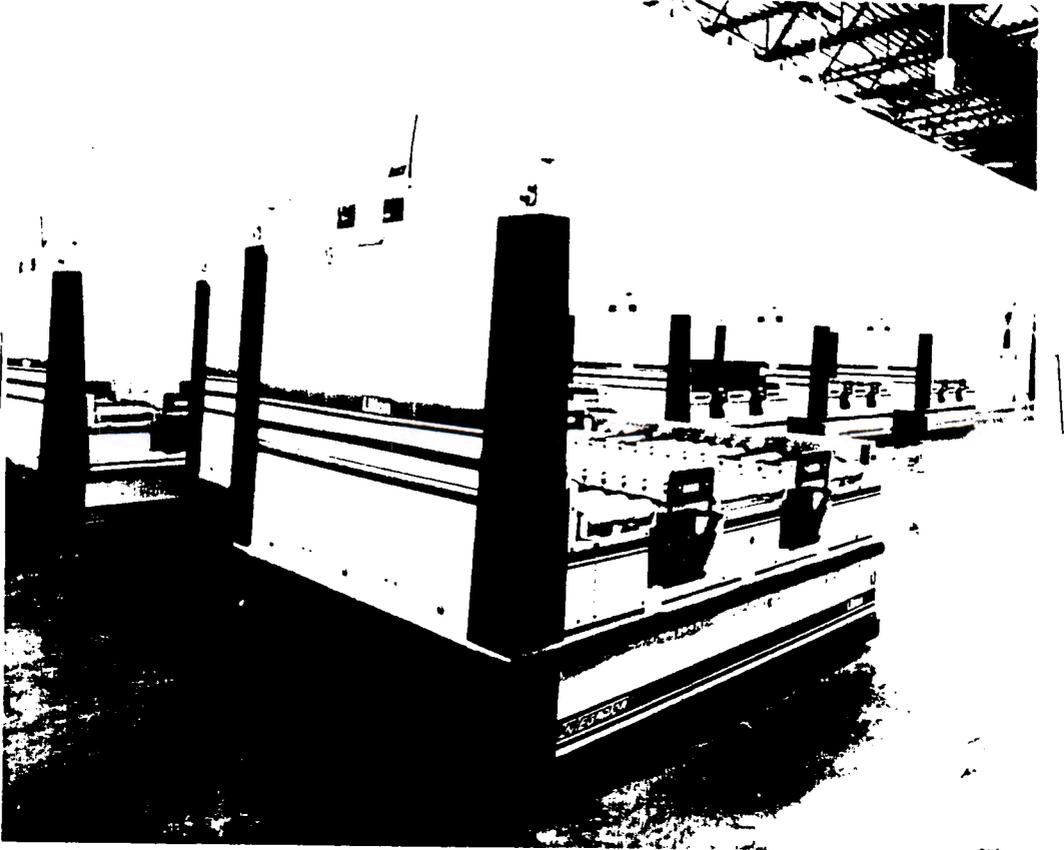
AUTOMATED GUIDED VEHICLES (AGVS)

- **FULLY AUTOMATED**
 - **OPERATED BY COMPUTER CONTROL SYSTEM**
 - **BATTERY POWERED**
 - **GUIDANCE SYSTEM**
- **WRAP 1 HAS 2 AGVs**
 - **SHIPPING/RECEIVING AREA, NDE/NDA**
 - **WASTE PROCESS AREA**
- **DUAL ROLLER DECK CARRIES 2 DRUMS AT A TIME**

AUTOMATED GUIDED VEHICLES (AGVS)

- **AGVs ARE REQUIRED TO;**
 - **MAINTAIN WRAP PROCESS SCHEDULES**
 - **INTERFACE WITH AUTOMATED EQUIPMENT**
 - **REDUCE EMPLOYEE EXPOSURE DURING OPERATIONS AND INSPECTIONS**
 - **REDUCE LIFE CYCLE COSTS OVER UTILIZING FORKLIFTS/OPERATORS**

9413009.1999



AUTOMATED STACKER/RETRIEVER (ASRS)

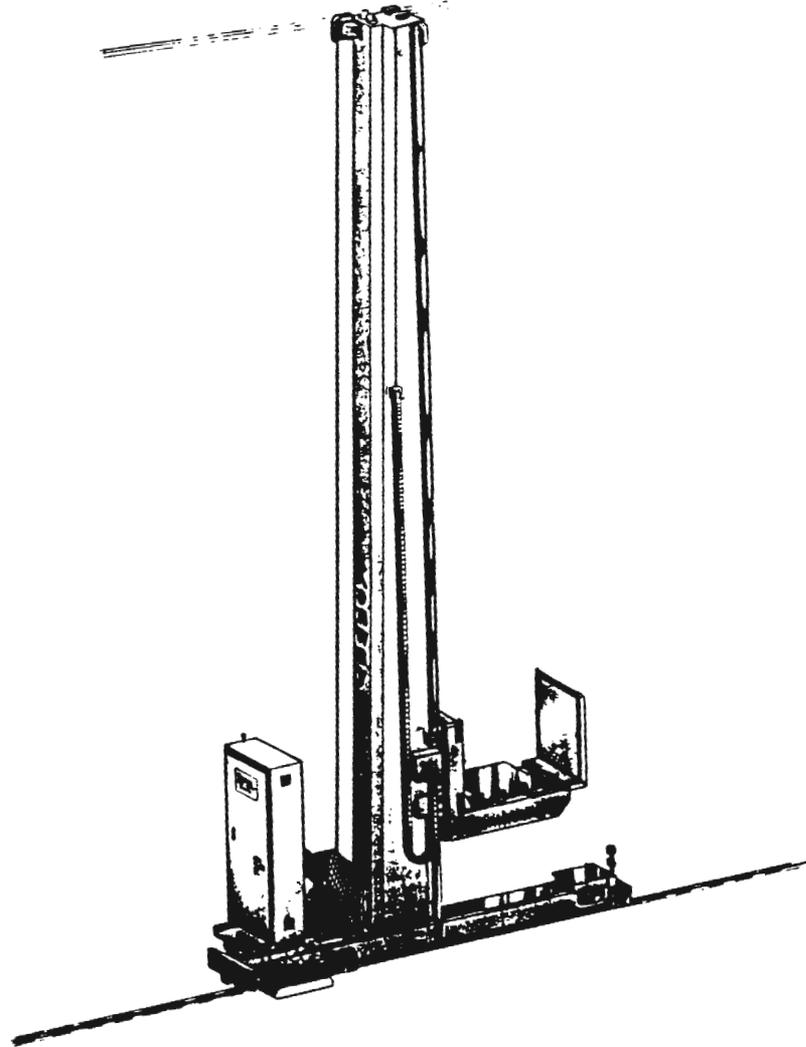
- **ASRS REQUIRED TO;**
 - **PROVIDE INVENTORY CONTROL**
 - **PROVIDE TIMELY ACCESS TO DRUMS THAT REQUIRE PROCESSING THROUGH WRAP**
 - **PROVIDE TIMELY BATCHING OF DRUMS NEEDED FOR PROCESSING AND/OR TRUPACT II SHIPMENTS TO MAINTAIN WRAP PROCESSING RATES**
 - **REDUCE EMPLOYEE EXPOSURE**
 - **REDUCE LIFE CYCLE COSTS OVER MANUAL INVENTORY CONTROL**

AUTOMATED STACKER/RETRIEVER (ASRS)

- **FULLY AUTOMATED**

- **OPERATED BY COMPUTER CONTROL SYSTEM**
- **CONTROL SYSTEM AUTOMATICALLY DIRECTS CRANE TO THE CORRECT BIN**
- **CONTROL SYSTEM TRACKS MATERIAL CONTINUOUSLY**

9413095.2002



Distribution:

J. M. Augustenborg	RL	(R3-80)
J. K. Bartz	MACTC	(A4-35)
L. E. Borneman	WHC	(B2-35)
R. C. Bowman	WHC	(H6-24)
B. J. Broomfield	WHC	(N3-13)
R. C. Brunke	WHC	(H6-23)
R. M. Carosino	RL	(A4-52)
C. E. Clark	RL	(A5-15)
D. W. Claussen	RL	(R3-80)
D. L. Duncan	EPA	(HW-106)
R. J. Giroir	WHC	(T4-05)
R. F. Guercia	RL	(R3-80)
P. L. Hapke	WHC	(T4-05)
M. N. Jaraysi	Ecology	
P. J. Mackey	WHC	(B3-15)
M. M. McCarthy	WHC	(N3-13)
E. P. Mertens	WHC	(N3-13)
T. M. Michelena	Ecology	
T. R. Pauly	WHC	(G6-46)
R. D. Pierce	WHC	(N3-13)
T. J. Powell	MACTC	(R3-82)
S. M. Price	WHC	(H6-23)
C. O. Ruud	Ecology	
R. W. Szelmeczka	WHC	(T4-06)
H. T. Tilden II	PNL	(P7-68)
J. J. Wallace	Ecology	
J. L. Westcott	WHC	(N3-13)
J. K. Yerxa	RL	(A5-15)
T. L. Yount	WHC	(H1-60)

ADMINISTRATIVE RECORD: Waste Receiving and Processing TS-2-4 [Care of EPIC, WHC (H6-08)]

Washington State Department of Ecology, Nuclear And Mixed Waste Library,
P.O. Box 47600, Olympia, Washington 98504-7600

Environmental Protection Agency Region 10, Seattle, Washington 98101, Mail
Stop HW-106

Please send comments on distribution list to K. E. Knox, WHC (H6-24)
(509) 372-3596.

9413095.2009