

# START

0014172

April 22, 1991  
Final

## Meeting Minutes Transmittal/Approval

183-H Solar Evaporation Basin  
Unit Managers Meeting  
Federal Building, Room 402  
Richland, Washington

Meeting Held March 20, 1991

### 183-H Solar Evaporation Basin, Unit Managers' Approval

Sandra Y Trine Date: 4/23/91  
Sandra L. Trine, DOE-RL, ERD Policy and Permits Branch

Michael A. Mihalic III Date: 4/23/91  
Michael A. Mihalic, WHC, Contractor Representative, HSFP

Not Present Date: \_\_\_\_\_  
Daniel L. Duncan, EPA Region X, RCRA Program Manager

Fred A. Ruck III Date: 4/23/91  
Fred A. Ruck III, WHC, Contractor Representative

Joseph Witczak Date: 4/23/91  
Joseph Witczak, Washington State Dept. of Ecology

PURPOSE: Monthly status report.

Meeting Minutes are attached. Minutes are comprised of the following:

- Attachment #1 - Summary of Discussion
- Attachment #2 - Commitments/Agreements Status List
- Attachment #3 - Attendance List
- Attachment #4 - Agenda



Distribution:

M.J. Anthony	DOE	(A6-95)
L.E. Borneman	WHC	(B2-19)
E.A. Bracken	DOE	(A6-95)
L.C. Brown	WHC	(H4-51)
R.M. Carosino	DOE	(A4-52)
C.E. Clark	DOE	(A6-95)
S.B. Clifford	WHC	(H4-57)
D.L. Duncan	EPA	(HW-074)
K.R. Fecht	WHC	(H4-57)
C.J. Geier	WHC	(H4-57)
J.D. Goodenough	DOE	(A6-95)
J.D. King	SWEC	(A4-35)
R.J. Landon	WHC	(B2-19)
R.E. Lerch	WHC	(B2-35)
M.A. Mihalic	WHC	(R1-15)
H.E. McGuire	WHC	(B2-35)
M. Morton	WHC	(R2-77)
L.L. Powers	WHC	(B2-35)
R.E. Peterson	WHC	(H4-56)
F.A. Ruck III	WHC	(H4-57)
S.L. Trine	DOE	(A5-19)
T.B. Veneziano	WHC	(B2-35)
S.A. Wiegman	WHC	(B2-19)
J. Witczak	Ecology	

**ADMINISTRATIVE RECORD** (183-H Solar Evaporation Basins, T-1-4)  
[Care of Susan Wray, WHC (H4-22C)]

Nuclear and Mixed Waste Library, Ecology, MS PV-11

Environmental Protection Agency, Region 10, Seattle, WA, HW-074

## Attachment #1

### Summary of Discussion

183-H Solar Evaporation Basin  
Unit Managers Meeting  
Federal Building, Room 402  
Richland, Washington

March 20, 1991

Ecology (J. Witczak) questioned a contradiction between lines 4 and 5 of item 2 from the minutes of the prior meeting (2/27/91). WHC (M. Mihalic) said that line 5 should be deleted and line 4 revised.

The status of the action items were reviewed next.

9-20-90:1 Ecology has not received the additional information an alternative soil fixative sprays. WHC/DOE thought that this information had been provided to Ecology at prior meetings. WHC (M. Mihalic) will send the information to Ecology. This action item remains open.

9-20-90:2 The raw data on background sampling has not been sent to Ecology. This information is not contained in either the Hanford Environmental Information System (HEIS) or the Waste Information Data System (WIDS) databases. WHC (F. Ruck) will transmit the data to DOE (C. Clark) who will then send the data to Ecology. This information must be cleared by DOE-RL prior to release. The action item remains open.

11-28-90:2 Ecology questioned the potential use of construction rubble as fill material in the clear wells. If this material passes the Model Toxics Control Act (MTCA) criteria but not the background criteria then disposal in the clear wells may create a new solid waste management unit. Ecology was uncertain if there is an exemption in the Washington regulations for construction debris. Mr. Paul Crane of WHC is no longer working on this issue. Mr. Berry Vedder of WHC now has the responsibility. The action item remains open.

Mr. Mihalic of WHC provided the status of the decommissioning and sampling work at the unit. The preliminary drilling of concrete to access the underlying soils has been completed in Basin 2 and is in progress at Basin 3. Soil sampling is scheduled to start the week of March 25, 1991. WHC will notify Ecology in advance so that Ecology can witness the work. Sampling of concrete will follow the soil sampling. A work plan for this activity has been prepared but has not been approved as yet. Concrete sampling is scheduled to start in early April. Kaiser Engineers Hanford are completing the front-end activities required for initiation of vadose zone sampling. Seventy-seven drums of non-waste materials such as liner and debris are currently stored on the pad. These drums are being managed as if they contained mixed waste. The analytical results from the berm samples are expected to be received from the lab in about one month. Once these results are in hand, the resolution of

performance criteria will become a priority as it will determine the status of the closure - cleaned to background (clean closed) or cleaned to MTCA criteria (landfill closure). The need for a post-closure cover will depend on which type of closure is achieved.

Ecology asked if WHC had knowledge of the new closure policy which Ms. Megan Lerchen is developing. WHC is aware of the policy activity. Planning for 183-H has so far allowed for two possible outcomes. Clean closure without a cover and landfill closure with a cover. If a cover is required, design must start in about one month to stay on the schedule for completion of the closure. If it is determined later that a cover is not required then the funds expended on design of a cover will have been wasted. Resolution of the type of closure to be achieved would avoid this potential problem.

Ecology's opinion was that a cover would not be required if the verification results passed MTCA criteria. This would apply even if the unit did not meet background performance criteria and could not be clean closed. Ecology also said that groundwater considerations should not effect the decision on the need for a cover. Groundwater will be addressed during post-closure or with the CERCLA action for operable unit 100-HR-3. This issue was not resolved at the meeting.

Ecology cited the lack of a training plan for the closure activities. There is a training plan for post closure activities. Ecology requested that a training plan be included as an appendix to the closure plan. DOE (C. Clark) questioned the need for a training plan in a closure plan because these plans are typically one element of a set of documents required to satisfy interim status compliance. A copy of the interim status training plan will be used for the additional appendix.

**ACTION ITEM:** A copy of the interim status training plan will be included in the closure plan as a new appendix. Action: S. Clifford

Cost estimates and financial surety were the next topic of discussion. Ecology asked if the strategy developed in the Sitewide permit meetings would be followed. DOE intends to provide annual cost estimates to Ecology. A statement is being prepared for inclusion in the closure plan which will contest the need for a cost estimate in the closure plan and agree to provide the information in a separate document. The exact wording is currently being developed and must be approved by the DOE attorneys. Ecology desires to receive the information by October 1991 and its delivery should not be dependent on the progress of the Sitewide permit.

**ACTION ITEM:** A statement regarding the provision of a cost estimate will be included in the closure plan. Action: C. Clark, DOE/ S. Clifford, WHC.

The cost estimate wording and the training plan additions will be provided to Ecology in the form of page changes rather than errata sheets. The delivery of these page changes will occur approximately one month after the cost estimate statement is available.

The next meeting was tentatively scheduled for April 23, 1991.

Attachment #3

Attendance List

183-H Solar Evaporation Basin  
Unit Managers Meeting  
Federal Building, Room 402  
Richland, Washington

March 20, 1991

<u>Name</u>	<u>Organization</u>	<u>Phone</u>
Clark, Clifford E.	DOE, ERD	509-376-9333
Clifford, Sam B.	WHC, Permits	509-376-5137
Johnson, Charles G.	SWEC, GSSC	509-376-7829
King, Joe	SWEC, GSSC	509-376-9707
Mihalic, Michael A.	WHC, Prog. Mgr.	509-376-0967
Morton, Mark R.	WHC, Cognizant Eng.	509-373-5900
Ruck, Fred A. III	WHC, Mgr., RCRA Closure	509-376-9876
Witczak, Joseph	Ecology, Unit Mgr.	206-438-7557
Woebkenberg, Thomas J.	SWEC, GSSC	509-373-1177

Attachment #2

Commitments/Agreements Status List

183-H Solar Evaporation Basin  
Unit Managers Meeting  
Westinghouse Hanford Office  
Richland, Washington

March 20, 1991

ACTION ITEM

5-30-90:0 Ecology approval of 183-H Solar Evaporation Basins Closure Plan. Action: Ecology.  
OPEN

7-23-90:1 A status report will be given on the spill and related clean up action at the spill at the next UMM. Action: Jim Goodenough.  
CLOSED

9-20-90:1 Provide vendor data on the proposed soil cover spray to Ecology. Action: WHC/DOE-RL.  
OPEN

9-20-90:2 WHC will review the status of the background sampling and provide information to Ecology on this subject. Action: WHC.  
OPEN

11-28-90:1 WHC will draft a proposed concrete sampling plan for Ecology's review. Action: Fred Ruck.  
CLOSED

11-28-90:2 WHC will evaluate the use of clean concrete rubble as fill material. Action: Berry Vedder.  
OPEN

1-1-91:1 DOE will provide accurate estimate of the total number of drums from the 183-H basins. Action: Mike Mihalic.

CLOSED

1-25-91:1

Investigate the possibility of holding time waivers for a phased sampling and analysis approach.  
Action: Joe Witczak.

CLOSED

1-25-91:2

A letter proposing a phased concrete sampling and analysis plan will be drafted by WHC and sent to Ecology. Action: Fred Ruck.

CLOSED

3-20-91:1

A copy of the interim status training plan will be included in the closure plan as a new appendix.  
Action: S. Clifford

OPEN

3-20-91:2

A statement regarding the provision of a cost estimate will be included in the closure plan.  
Action: C. Clark, DOE/ S. Clifford, WHC

OPEN

Attachment #4

AGENDA

183-H Solar Evaporation Basin  
Unit Managers Meeting  
Federal Building, Room 402  
Richland, Washington

March 20, 1991

1. Review, Amend, Approve, and Distribute Prior Minutes
2. Status Prior Action Item
3. Discuss Closure Activities
4. Discuss Closure Plan
5. New Business