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Meeting Minutes Transmittal

Unit Managers' Meeting
183-H Solar Evaporation Basins
Federal Building, Room 784-B
Richland, Washington

Meeting Held June 22, 1995
From 3 to 4 p.m.

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

Jeffrey M. Bruggeman DATE: 14 Feb 96
Jeffrey M. Bruggeman, Unit Manager, RL

Robert E Cordts DATE: 26 Feb 96
Robert E. Cordts, Unit Manager, Washington State Department of Ecology

183-H Solar Evaporation Basins Closure, Contractor Concurrence:

DATE: 14 Feb. 96
Contractor Representative, ERC

Purpose: Discuss Permitting Process

Meeting Minutes are attached. The minutes are comprised of the following:
Attachment 1 - Agenda
Attachment 2 - Summary of Discussion and Commitments / Agreements
Attachment 3 - Attendance List
Attachment 4 - Action Items

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Attachment 1

Unit Manager's Meeting
183-H Solar Evaporation Basins
Federal Building, Room 784-B
Richland, Washington

Meeting Held June 22, 1995
From 3 to 4 p.m.

Agenda

1. Approval of Past UMM Minutes

   - The May 1995 UMM minutes are presented for approval.

2. Status Open Action Items

   - 09-20-94:2 Nitrate Cleanup Level
   - 12-15-94:2 Method A versus Method B for arsenic cleanup
   - 01-26-95:4 Listed Waste Letter
   - 03-06-95:1 Residue Sampling

3. Closure Activities / Planning

   - Schedule
   - Closure Strategy
   - Soil Cleanup Criteria
   - Summary of open and resolved issues

4. New Business

5. Set Next Meeting Date

Attachment 2

Unit Manager's Meeting
183-H Solar Evaporation Basins
Federal Building, Room 784-B
Richland, Washington

Meeting Held June 22, 1995
From 3 to 4 p.m.

Summary of Discussion and Commitments / Agreements

1. The May UMM minutes were presented for approval by the Unit Managers.

2. Status Action Items

   - 09-20-94:2 Nitrate Cleanup Level
     [It was agreed that the cleanup level is 100 times MCL(4.4) or 4400. This item is closed.]

   - 12-15-94:2 Method A Table vs. Method B for Arsenic Cleanup
     [B. Cordts has discussed the issue with Ecology's Toxic Branch. It has been determined that 20 mg/kg is the appropriate cleanup level. This item is closed.]

   - 01-26-95:4 Listed Waste Letter
     [Correspondence from RL to the EPA has been sent requesting a contained-in determination by July 12, 1995. EPA has no status of the determination at this time.]

   - 03-06-95:1 Residue Sampling
     [A discussion was made on the necessity of sampling for listed waste in the residue. Ecology recognizes that the paper calculations indicate that listed waste is not a concern; however, Ecology feels that it is not unreasonable to verify by samples. R. Miller stated it would be addressed in the sampling and analysis plan.]

3. Status Closure Activities / Planning
   - Schedule
     [R. Miller provided the current decontamination schedule.]

   - Clearwell Oil Spill
     [R. Miller explained that approximately 40 gallons of hydraulic fluid was lost in the clearwells when a hose broke on the Linkbelt that was placing debris against the north wall. The oil was not reported in accordance with BHI procedures nor was it cleaned up. R. Miller stated the incident was being investigated.]

- Summary of Open and Resolved Issues

4. New Business

   - Cleanup levels for sulfate

     [A 183-H soils cleanup criteria presentation will be held for RL on June 29, 1995. Upon comments received, the presentation will be made to the regulators. R. Miller requested that interested parties review their calendars as the presentation would be made at Hanford. A meeting was tentatively scheduled for July 13, 1995. The Unit Managers meeting wold be held at the same time.]

5. Set Next Meeting Date

   [The next meeting was tentatively set for July 13.]

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Attachment 3

~~Pre-~~Unit Manager's Meeting
183-H Solar Evaporation Basins
Federal Building, Room 784-B
Richland, Washington

Meeting Held June 22, 1995
From 3 to 4 p.m.

Attendance List

NAME	ORGANIZATION	PHONE #
Roy Miller	ERC	373-9592
Jeff Bruggeman	DOE	376-7121
ELLEN MATTLIN	DOE-RL	376-2385
JOAN K. BARTZ	GSSC	372-2008
KATHY KNOX	WHC	372-3596
BOB CORDTS	ECOLOGY	
	via teleconference	
DAN DUNCAN	EPA	
	via telephone	
Janet Badden	ERC	372-9033

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Attachment 3

~~Pre~~-Unit Manager's Meeting
183-H Solar Evaporation Basins
Federal Building, Room 784-B
Richland, Washington

Meeting Held June 22, 1995
From 3 to 4 p.m.

Attendance List

NAME	ORGANIZATION	PHONE #
Rex Miller	ERC	373-9592
Ellen MATTLIN	DOE-RL	376-2385
Janet Badden	ERC	372-9033
Kathy Knox	WHC	372-3596
RIKKI HARRIS	ERC	373-7251
David Encke	ERC	373-3461
Gregory D Joyce	MACTEC	372-1807
BOB CORNIS	Ecology (Video)	
Alex Stone	Ecology (Video)	
Mark Wasemiller	ERC	372-9313
Jeff Bruggeman	DOE-RL	376-7121
JOAN BARTZ	GSSC	372-2008

Attachment 4

Unit Manager's Meeting
183-H Solar Evaporation Basins
Federal Building, Room 784-B
Richland, Washington

Meeting Held June 22, 1995
From 3 to 4 p.m.

Open Action Items

Action Item #	Description
01-26-95:4	Listed Waste Letter. Ecology/EPA need concurrence.
03-06-95:1	ERC will investigate the vanadium levels.

Closed Action Items

Action Item #	Description
03-02-93:1	WHC will make a proposal for closure of the 183-H basins that will include a new closure date. As a result of contractor change, this action is conferred to ERC.
08-18-94:1	ERC will issue a letter requesting that the concrete be released from consideration as listed waste. Due September 1, 1994.
09-20-94:1	Ecology will evaluate debris rule compliance of 6 mm basin concrete removal with a fractional area of resistant aggregate protruding above the 6 mm level. This Action Item is CLOSED (November 1, 1994).
09-20-94:2	Ecology will provide means to produce a direct soil exposure nitrate cleanup level, assuming that the value calculated from WAC 173-340-740(3)(a)(ii) is unacceptable. - B. Cordts to review and comment. - ERC to present alternatives for nitrate cleanup levels.

09-20-94:3	ERC will provide letter(s) addressing compliance with the Hanford Facility RCRA Permit conditions (V.1.B.g, V.1.B.j, and V.1.B.k).
09-20-94:4	Ecology will review the 183-H Data Evaluation Report.
12-15-94:1	Ecology: Are the statistics of WAC 173-340-740(7)(d) applicable to MTCA cleanup levels?
12-15-94:2	Ecology: Since the MTCA method B arsenic cleanup level is less than background, can we use the Method A Table, which is based on state background? -B. Cordts to review and comments.
12-15-94:3	Ecology: Comment on existing stage of closure proposal, with particular focus on our recommendations for cleanup levels / strategy for constituents without MTCA method B cleanup levels.
12-15-94:4	ERC: Have staff toxicologist review the nitrate cleanup level produced by WAC 173-340-740(3)(a)(iii) and propose direct soil cleanup level and rational.
12-15-94:5	ERC: Finalize Data Evaluation Report and submit final by March 28, in order to satisfy the Hanford RCRA Permit condition V.I.B.g and V.I.B.j. Closed. See 09-20-94:3
12-15-94:6	ERC: Continue development of closure proposal.
12-15-94:7	ERC: Compare statistical guidance of Ecology, from Toxics Cleanup Program with our current MTCA-based method. B. Cordts to review and comment.
12-15-94:8	ERC: Make sure that our cleanup level / extent method is consistent with CERCLA.
01-26-95:1	Groundwater monitoring compliance. J. Badden/R. Miller We are not presently in compliance with the permit. Working with Mary Hartman and Legal for immediate compliance and proposing a new monitoring plan.
01-26-95:2	Cleanup level for arsenic. B. Cordts to concur. Tracked through 12-15-94:2.
01-26-95:3	Cleanup strategy for operable units. N. Werdel to issue copies.

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01-26-95:5

Disposal of basin rainwater. Concurrence of the listed waste letter. J. Badden is working with Dan Duncan for concurrence. Water has been analyzed and the data is being reviewed by ERC for recommendation.

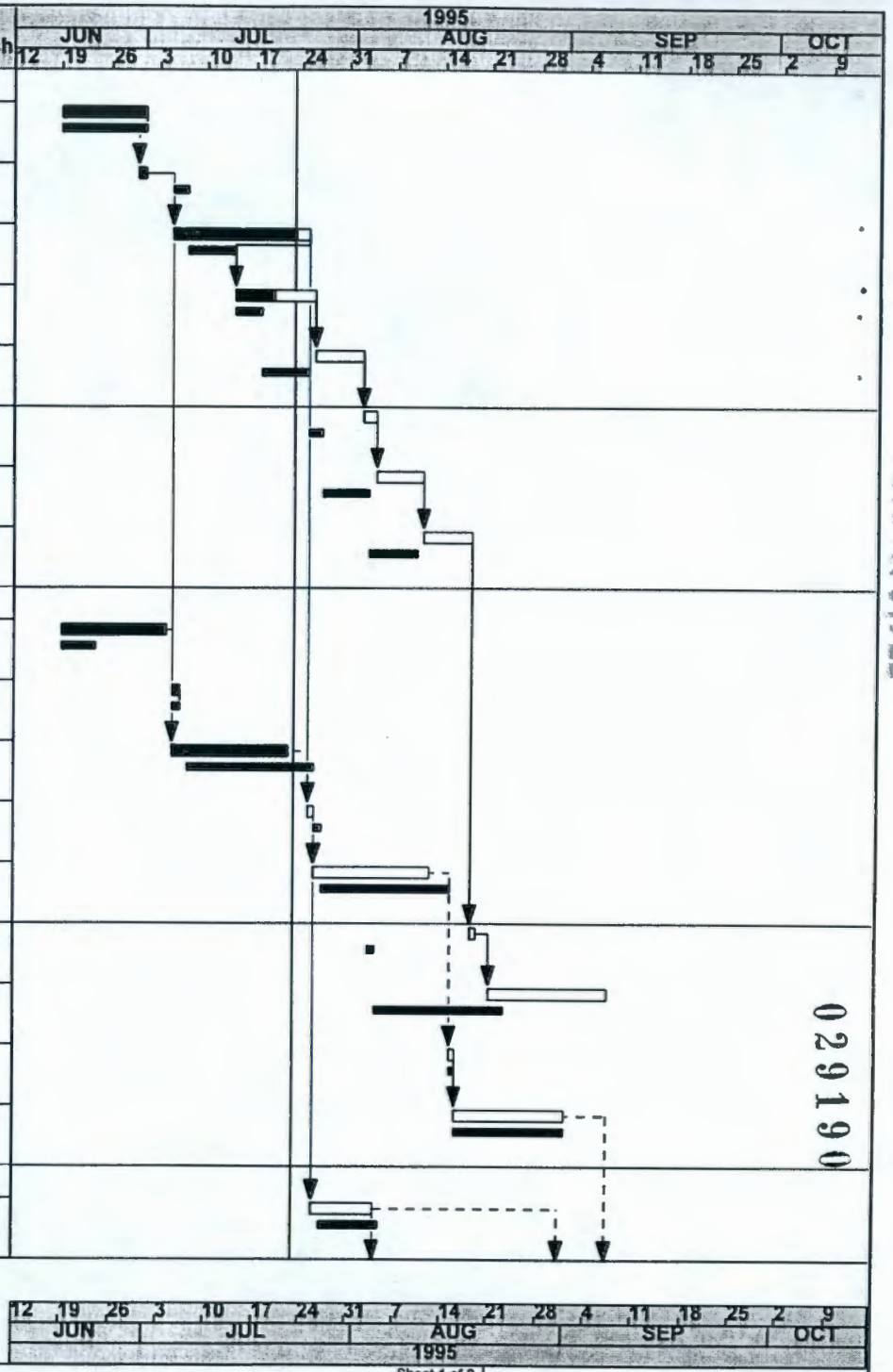
RESOLVED ISSUES

- An appropriate oral RFD for silver is 0.005 mg/(kg*day).
- The Debris Rule will be applied to 183-H basin concrete.
- It is appropriate to use the MTCA method A for cleanup level for lead.

OPEN ISSUES

- Action Items in Unit Managers Meeting minutes
- RCRA/CERCLA integration of soil closure activities
- Re-validation of vadose zone data
- Listed Waste Letter: Dangerous waste designation of concrete surface zone, and soil?
- Cleanup level for nitrate (pending, ERC)

Activity ID	Activity Description	Percent complete	Early start	Early finish	Target 1 early start	Target 1 early finish
DECONTAMINATE WALLS						
DECWALL001	DECON. WALLS #1	100	19JUN95A	30JUN95A	19JUN95*	30JUN95
DECWALL002	MOBILIZE TO BASIN #4	100	30JUN95A	30JUN95A	05JUL95*	06JUL95
DECWALL003	DECON WALLS BASIN #4	90	05JUL95A	24JUL95	07JUL95	13JUL95
DECWALL004	MOBILIZE TO BASIN #2	50	14JUL95A	25JUL95	14JUL95*	17JUL95
DECWALL005	DECON. WALLS BASIN #2	0	26JUL95*	01AUG95	18JUL95*	24JUL95
DECWALL006	MOBILIZE TO BASIN #3	0	02AUG95*	03AUG95	25JUL95*	26JUL95
DECWALL007	DECON. WALLS BASIN #3	0	04AUG95*	10AUG95	27JUL95*	02AUG95
DECWALL008	DECON. DEBRIS	0	11AUG95	17AUG95	03AUG95	09AUG95
DECONTAMINATE FLOORS						
DECFLRS002	MOBILIZE, TRAINING BLASTRAC	100	19JUN95A	03JUL95A	19JUN95*	23JUN95
DECFLRS003	MOBILIZE BLASTRAC TO BASIN #1	100	05JUL95A	05JUL95A	05JUL95*	05JUL95
DECFLRS004	DECON. FLOOR BASIN #1	98	05JUL95A	21JUL95	07JUL95	25JUL95
DECFLRS005	MOBILIZE TO BASIN #4	0	25JUL95	25JUL95	26JUL95*	26JUL95
DECFLRS006	DECON. FLOOR BASIN #4	0	26JUL95	11AUG95	27JUL95*	14AUG95
DECFLRS007	MOBILIZE TO BASIN #3	0	18AUG95	18AUG95	03AUG95*	03AUG95
DECFLRS008	DECON. FLOOR BASIN #3	0	21AUG95	06SEP95	04AUG95	22AUG95
DECFLRS009	MOBILIZE TO BASIN #2	0	15AUG95*	15AUG95	15AUG95*	15AUG95
DECFLRS010	DECON. FLOOR BASIN #2	0	16AUG95	31AUG95	16AUG95	31AUG95
DISMANTLE BASIN						
DISBAS003	DISMANTLE BASINS WALLS BASIN #1	0	26JUL95	03AUG95	27JUL95	04AUG95



Project Start	12JUN95	A
Project Finish	29SEP95	Early Bar
Data Date	23JUL95	Progress Bar
Plot Date	26JUL95	Critical Activity

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Sheet 1 of 2

ERC Team
183-H RECOVERY SCHEDULE
Construction Schedule

Date	Revision	Checked	Approved

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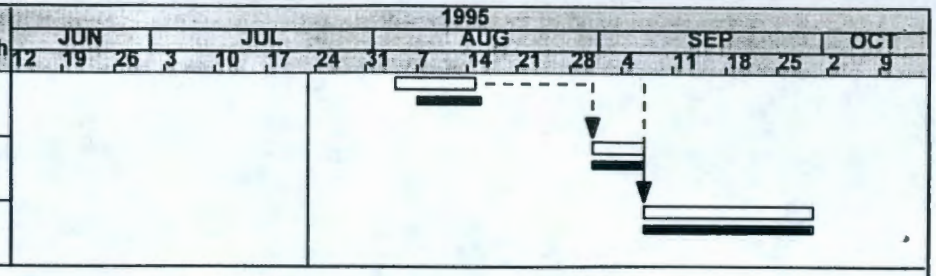
Activity ID	Activity Description	Percent complete	Early start	Early finish	Target 1 early start	Target 1 early finish
DISBAS001	DISMANTLE BASIN WALLS BASIN #4	0	04AUG95	14AUG95	07AUG95	15AUG95
DISBAS007	DISMANTLE REMAINING WALLS	0	31AUG95*	06SEP95	31AUG95*	06SEP95
DISBAS008	DISMANTLE FLOORS	0	07SEP95	29SEP95	07SEP95	29SEP95



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1995

Project Start	12JUN95	A
Project Finish	29SEP95	Early Bar
Data Date	23JUL95	Progress Bar
Plot Date	26JUL95	Critical Activity

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Sheet 2 of 2

ERC Team
183-H RECOVERY SCHEDULE
Construction Schedule

Date	Revision	Checked	Approved

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ADMINISTRATIVE RECORD: 183-H Solar Evaporation Basins Closure, T-1-4 [Care of EDMC, WHC (H6-08)]

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