

Distribution

Unit Managers' Meeting: 300 Areas Remedial Action Unit/Source Operable Units

0058537

Mary Jarvis	DOE-RL, RP (A5-15)
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Mike Thompson	DOE-RL, RP (A6-38)
Jon Yerxa	DOE-RL, RP (A5-15)
Mike Goldstein	EPA (B5-01)
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John Price	WDOE (Kennewick) (B5-18)
Randy Acselrod	Washington Dept. of Health
Lynn Albin	Washington Dept. of Health
Eileen Murphy-Fitch	FD (A1-14)
John April	BHI (L6-06)
Rich Carlson	BHI (H0-17)
Ella Feist	CHI (H9-01)
Frank Corpuz	BHI (H0-17)
Larry Hulstrom	FH (E6-35)
Lorna Dittmer	BHI (H0-02)
Jeff Lerch	CHI (L6-06)
Jenifer Linville	CHI (H9-01)
Walter Remsen	BHI (H0-17)
Jack Donnelly	BHI (H0-17)
Andrew Rogers	BHI (L6-06)
Michael Wetzler	BHI (H0-17)
Joan Woolard	BHI (H0-02)
Administrative Record	BHI (H0-09) 2 copies

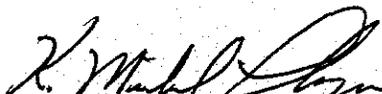
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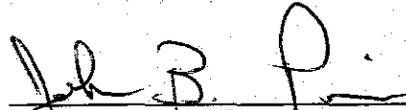
Please inform Michael Wetzler (372-9562) – BHI (H0-17)
 of deletions or additions to the distribution list.

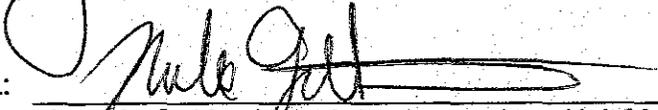
Meeting Minutes Transmittal/Approval
300 Area Unit Managers' Meeting
Remedial Action and Waste Disposal Unit/Source Operable Unit
3350 George Washington Way, Richland, Washington
August 2002

APPROVAL:  Date 10/2/02
Owen Robertson, 300-FF-1 & 300-FF-2 Area Unit Managers, RL (A3-04)

APPROVAL:  Date 10/2/02
Kevin Leary, 618-10 & 618-11 Area Unit Manager, RL (A6-38)

APPROVAL:  Date 10/22/02
Mike Thompson, 300-FF-5 Area Unit Manager, RL (A5-13)

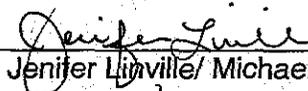
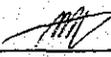
APPROVAL:  Date 9/17/02
John B. Price, Cleanup Project Manager, WDOE (B5-18)

APPROVAL:  Date 10/22/02
Mike L. Goldstein, 300 Aggregate Area Unit Manager, EPA (B5-01)

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

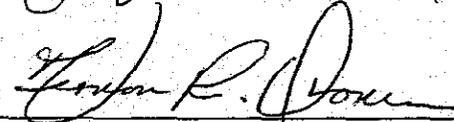
- Attachment 1 -- Agenda
- Attachment 2 -- Attendance Record
- Attachment 3 -- 300 Area Meeting Minutes – August 21, 2002
- Attachment 4 -- Previous Open Action Items List

Prepared by:

 
Jenifer Linville/ Michael Wetzler (H0-17)

Date 10/22/02

Concurrence by:



Vern Dronen, Project Manager
BHI Remedial Action and Waste Disposal Project (H0-17)

Date 10/30/02

UNIT MANAGERS MEETING AGENDA 103461

3350 GWW 1B45

August 21, 2002, 1:00 – 3:00 p.m.

300 Area

Administrative (1:00 – 1:15)

- Action Item List
- Meeting minutes status
- Next UMM is September 17, 2002, 1:30 – 3:30, 3350 GWW (1B45)

300-FF-1 Remedial Action (1:00 – 1:15)

- 618-4 Remediation Status
- Drum
- Soil/Debris

300-FF-2 (1:45 – 2:15)

- Kd/Leach Study
- Uranium Conceptual Site Model
- Unrestricted Land Use

300-FF-5 (2:15 – 2:45)

- 300-FF-5 O&M Plan / SAP
- 300 Area Shoreline Study
- Plan for 300-FF-1 North and South Process Ponds

Meeting Minutes Schedule

- Draft – 1 week
- Distribute – 1 Day
- Review – 1 week
- Incorporate – 1 week
- Finalize – Next UMM

**MEETING MINUTES
REMEDIAL ACTION AND WASTE DISPOSAL
UNIT MANAGER'S - 300 AREA
Wednesday, August 21, 2002
3350 GWW, 1B45, 1:00 – 3:00 P.M.**

Review of Open Action Item List: One open action item: The Spill Reporting White Paper requires review by Mike Goldstein (EPA). All other action items were closed.

Minutes from the July 25, 2002, meeting are awaiting signature by Kevin Leary (DOE), and John Price (Ecology).

The next UMM is Tuesday, September 17, 2002, 1:30-3:30, 3350 GWW (1B45)

300-FF-1 OPERABLE UNIT ITEMS

- **618-4 Burial Ground Remediation Status/Drums/Soil and Debris** – John April (BHI) discussed the remediation of the 618-4 Burial Ground. The subcontractor was directed to excavate the entire site. Unknowns at the site were addressed and the project was able to demonstrate a negative exposure for asbestos and lead, which allowed them to downgrade to Level B personal protective equipment. John April (BHI) discussed the prevalence of lead contamination in the soil, causing it to be land disposal restricted materials (LDR). A baseline change proposal was submitted for the treatment of LDR soil at the Environmental Restoration Disposal Facility (ERDF). Another baseline change proposal will be submitted for the excavation, sorting and removal of additional material. 2,000 tons of soil remains to be sorted. 3,000 tons of LDR material needs to be sent to ERDF for treatment. 3,000 tons of soil failed initial lead screening and are undergoing additional laboratory analysis to determine the LDR status.

Mike Goldstein (EPA) asked how contaminant concentrations were identified in the process soil piles. Mr. Goldstein expressed concern for dilution of contaminants within the stockpile. Jeff Lerch (CHI) explained that the material is stockpiled and sampled in accordance with the sampling and analysis plan to determine LDR status of each individual stockpile.

Jeff Lerch (CHI) described drum management at the 618-4 Burial Ground. Managed drummed waste remaining at the 618-4 Burial Ground include paint, grease, tar, asbestos, and other miscellaneous items. Characterization results will be anticipated by the end of August and shipment of the remaining drummed waste is anticipated to be completed by mid-September. All depleted uranium waste (oxide powder, chips immersed in oil) has been sent to ERDF for disposal or staging.

A barium-contaminated soil stockpile is present in the southeast corner of the 618-4 Burial Ground. Based on sample results from the stockpile, the barium-contaminated soil may be combined with existing LDR stockpiles of lead contaminated soil and treated at the ERDF using the same mix ratios from previous treatment campaigns. The barium contamination is visible as a discolored layer of soil. There is no evidence that the barium was originally disposed in drums, and there is no indication of whether it was disposed as a solid or a liquid. The project will begin to develop the closeout strategy for the burial ground, including bias sampling in potential "hot spot" areas and random verification sampling. Biased sampling has been performed in the past (i.e. J.A. Jones site). Mike Goldstein (EPA) requested a map of the biased sampling locations with reference to areas of buried waste.

Owen Robertson (DOE) discussed on-site treatment technologies of drums containing depleted uranium chips immersed in oil, citing studies from the Savannah River Site. Treatment remains in question. Rich Carlson (BHI) explained that a treatment plan will be prepared by next January. Mr. Carlson discussed that alternative technologies will be investigated (including technology baselines) prior to the release of the treatment plan. The treatability document will address treatment options, alternatives and a recommendation. Mike Goldstein (EPA) requested documentation of potential on-site treatment technologies. **An action item was assigned to Rich Carlson (BHI) to provide the treatability document to Owen Robertson (DOE) and Mike Goldstein (EPA).**

**** Action:** Rich Carlson to provide the treatability document to Owen Robertson (DOE) and Mike Goldstein (EPA).

300-FF-2 OPERABLE UNIT ITEMS

- ***Kd/Leach Study and Uranium Conceptual Site Model*** – Rich Carlson (BHI) announced that the Kd Leach Study laboratory work conducted by the Pacific Northwest National Laboratory (PNNL) is complete. Draft results have been documented in a PNNL report the Draft Uranium Conceptual Site Model White Paper is being revised with a goal to release the draft document at the same time as the Kd Leach Study. Both documents will be available for review the week of August 26, 2002. The uranium Conceptual Site Model White Paper will provide a summary of the Kd issues and background surrounding Uranium soil cleanup. The paper will also provide a path forward for demonstrating groundwater protection and assessing potential uranium groundwater impacts from remediated sites in the 300 Area. Technical experts will be asked to review both documents and recommend the most appropriate Kd values. Tentatively, a one-month review cycle will be allotted for the Kd Leach and Uranium Site Conceptual Model White Paper. Resolution to the Kd issues are required to finish remediation in the 300-FF-1 Operable Unit. Backfill concurrence will need to be received by December 31, 2002.

Mike Goldstein (EPA) briefly discussed two commitments and issues that still need to be resolved for 300 Area remediation; 1) outside the fence land use analysis, and 2) closing the loop on the Kd Leach Study and Uranium Conceptual Site Model. Land use decisions may be deferred until data is evaluated. The uranium conceptual site model issues are currently being addressed.

- ***Unrestricted Land Use / 618-5 Burial Ground Pilot Discussion*** – Land use scenarios will be discussed at the 618-5 Burial Ground pilot discussion in another meeting on August 22, 2002, at 2:00 p.m. This agenda item was included to internally explore land use options prior to the August 22 meeting (unrestricted versus industrial land use). Mike Goldstein (EPA) identified 4 key issues: cleanup standards, changes to the remedial design report/sampling analysis plan, sampling and field screening impacts and modifications, and changes in borrow area use/protocol and contracting. Mike Thompson (DOE) mentioned an unrestricted land use scenario for surface soil use only. Exposure scenarios would need to be evaluated, based on land use. Groundwater is the driver for background levels, and would drive standards from a radiological standpoint. The 618-5 Burial Ground pilot discussion will not discuss unrestricted land use for the 618-5 Burial Ground but will address remediation strategies and cleanup values.
- ***300-FF-2 Outside of the Fence Design*** – Design work for “Outside of the Fence” is in the final stages of completion. The design is expected to be completed by end of Fiscal Year 2002 (September 2002).

300-FF-5 OPERABLE UNIT ITEMS

- ***300 Area Shoreline Study*** – Mike Goldstein (EPA) inquired about the status of the Shoreline Study. Mike Thompson (DOE) reported that the 300 Area Shoreline Study document is in PNNL internal review. A draft letter will be ready in early September.

300 Area Unit Manager Meeting Action Items Log

Action #	Action/Subject	Assigned To	Owed To	Assigned Date	Original Due Date	Adjusted Due Date	Date Complete	Status
02-01	Ted Poston (PNNL) Presentation on current 300 Area Shoreline Study for April UMM	Mike Thompson	April UMM	03/19/2002	04/16/2002		05/14/02	Presentation given by Ted Poston. Closed
02-02	Send draft Sitewide Institutional Controls Plan comments to RL to forward to EPA.	Ella Coenenberg	Mike Goldstein	04/16/2002				ERC provided to DOE. Ella Coenenberg (ERC) sent the draft of the comments on the Sitewide Institutional Controls Plan to John Sands (DOE), who will forward to Mike Goldstein (EPA). Rich Carlson (ERC) to do follow-up.
02-04	Send 618-4/5 Readiness Assessment presentations to RL to forward to EPA.	John April	Mike Goldstein Bob McLeod	04/16/2002			5/14/02	Closed. Readiness Assessment presentations for 618-4 and 618-5 Burial Grounds sent to Bob McLeod (DOE) and Mike Goldstein (EPA) via email on 5/1/2002.
02-05	Spill Reporting White Paper requires review by Mike Goldstein (EPA).	Mike Goldstein	Jeff Lerch	04/16/2002				
02-06	EPA Response to State of Oregon	Bryan Foley	Mike Goldstein	04/16/2002			5/14/02	EPA Response to State of Oregon -- Bryan Foley (DOE) forwarded to Mike Goldstein (EPA); Mike Thompson (DOE) also has a groundwater related response that he will provide to Mike Goldstein (EPA).