

Meeting Minutes Transmittal/Approval  
Unit Managers' Meeting  
200 Area Groundwater and Source Operable Units  
3350 George Washington Way, Richland, Washington  
August 1999

078811

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APPROVAL: *Bryan Foley* Date 4/25/00  
Bryan Foley, 200 Area Unit Manager, RL (H0-12)

APPROVAL: *Wayne Super* Date 5-2-00  
~~Jack Donnelly, 200 Area Unit Manager, Ecology (B5-12)~~

APPROVAL: *Dennis Faulk* Date 4-28-00  
Dennis Faulk, 200 Area Unit Manager, EPA (B5-01)

APPROVAL: *Arlene C. Tortoso* Date 4/25/00  
Arlene Tortoso, Groundwater Unit Manager, RL (H0-12)

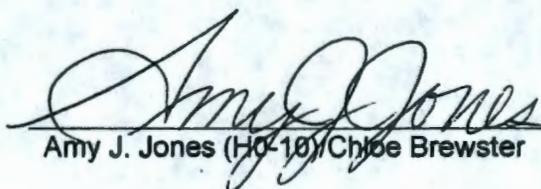
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Meeting minutes are attached. Minutes are comprised of the following:

- Attachment 1 - Agenda
- Attachment 2 - Attendance Record
- Attachment 3 - 200 Area UMM Minutes - August 1999
- Attachment 4 - Proposal to Document Changes/Approvals to RCRA Groundwater Monitoring Plans
- Attachment 5 - Contained-In Determination for Hydrazine at 200-CW-1 and 200-CS-1 Data Collection Strategy

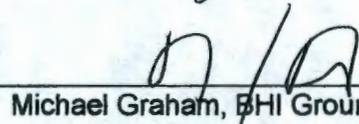
Prepared by:

  
Amy J. Jones (H0-10)/Chloe Brewster

Date

3/30/00

Concurrence by:

  
Michael Graham, BHI Groundwater/Vadose Zone Integration (H0-09)

Date

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**UNIT MANAGERS' MEETING AGENDA** 078811  
3350 George Washington Way  
August 18, 1999

**8:00 - 10:00 a.m.   200 Area   1A14**

- 200-CW-1 (10 minutes)
  - RI/FS Workplan  
*comment resolution discussion*  
*path forward to document approval*
  - Field Work  
*current status*
  - Contained-In Determination  
*status of laboratory detection limit determination*
- 200-CS-1 (10 minutes)
  - S-10 Borehole  
*issues related to approval to proceed*
- 200-Area Common (10 minutes)
  - Hanford Barrier  
*status of FY99 work*
- 200-ZP-1 (10 minutes)
  - Tower Changeout
  - PITT Update
- 200-ZP-2 (10 minutes)
  - Rebound Monitoring Plan
  - PITT Update



**MEETING MINUTES  
REMEDIAL ACTION AND WASTE DISPOSAL  
UNIT MANAGERS' MEETING – 200 AREA  
August 18, 1999**

**Attendees:** See Attachment #2

**Agenda:** See Attachment #1

**Topics of Discussion:**

1. Overview 200 Area RCRA Groundwater Monitoring - A handout was provided (Attachment 4) proposing the use of a CERCLA Class 3 Change Control Form to document changes and approvals to the RCRA Groundwater Monitoring Plans. Ecology recommended that changes be submitted in a full document with a cover letter instead of the proposed Changed Control Form. EPA recommended that changes be discussed prior to seeking approval, so that potential conflicts can be resolved first and approval need not be delayed. It was recommended that the plans currently in use be resubmitted in order to document their approval (they will not necessarily be re-evaluated).
2. 200-CW-1 Gable Mountain/B Pond and Ditches
  - Status Work Plan - The Public Comment Session for the Work Plan ends on August 24. RL and Ecology will meet on August 25 to review the comments before revising the Work Plan from Draft B to Rev. 0.
  - Discussion of pH analytical constraints - A 24-hour hold time is associated with SW-846 pH analytical requirements that cannot be met under current sample handling and shipping constraints. A test will be conducted in the laboratory using Gable Mountain Pond soil. Analysis for pH will be conducted upon sample receipt by the laboratory then at three day intervals to determine the impact to the pH data quality through time. These data will be used to substantiate more achievable hold times in the future. In addition, field pH will be collected using field screening methods (e.g., litmus paper or pH probes). These data will be correlated to laboratory data to determine the accuracy of the field methods. If the field methods produce data of sufficient quality, then these field methods may replace laboratory analysis for pH.
  - Status of the hydrazine contained-in determination - A handout was provided (Attachment 5) of a table outlining the activities needed to pursue a contained-in determination for hydrazine for the 200-CW-1 and 200-CS-1 Operable Units. Ecology suggested that because the 200-CW-1 and 200-CS-1 be field investigations will occur in separate fiscal years, that the 200-CW-1 contained-in determination be requested first and then amended as the 200-CS-1 data becomes available.
  - Discussion on reducing the 216-B-63 RCRA TSD inspection frequency from weekly to monthly - Ecology supported a change in the inspection frequency from weekly to monthly, but requested a letter from RL documenting the requesting.

RL noted the occurrence of a diesel spill from a diesel generator being used for the Gable Pond investigation.

3. 200-CS-1 Chemical Sewer Waste Group
  - Status DQO Summary Report and Work Plan - Both documents are expected to be delivered to Ecology by RL by August 26. Ecology noted that Brenda Beckert-Kahleel has been assigned as the Ecology Lead for the operable unit.
  - Discuss drilling technique for S-pond borehole - ERC is in the process of reviewing the drilling procurement package. Bidders for the S Pond work asked if the use of air rotary/cable tool equipment would be permitted and ERC responded that it would be allowable, provided that the use of air rotary drilling ceased within 10 feet above designated sampling points. Ecology approved this stipulation.
4. 200-CW-5 U Pond/Z Ditches Cooling Water Waste Group – This topic was deferred as EPA was not present.
5. 200-UP-1 – This topic was deferred as EPA was not present.
6. 200-BP-1 - Status Treatability Test Report - The ERC has prepared draft dispositions to EPA comments on the Treatability Test Report. The Rev. 0 of the report should be issued by the end of the month.
7. 200-TW-1 and 200-TW-2 Operable Units - A meeting on the TPA Change Package scheduled for August 17 was cancelled and will need to be rescheduled. A date was not set.

**Proposal to document changes/approvals to RCRA Groundwater Monitoring Plans**

**August 18, 1999  
PNNL**

**Change Control Form (e.g. Federal Facility Agreement and Consent Order), with:**

**Attachments:**

Table of wells and frequency of sampling

Table of analyses and frequencies (indicators, site-specific, groundwater quality, others)

Figure showing locations of wells and groundwater flow direction

Summary of statistical approach to be implemented

**Contained-In Determination for Hydrazine at 200-CW-1 and 200-CS-1  
Data Collection Strategy**

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| <b>Activity</b>   | <b>Time Frame</b>   | <b>Status</b>   |
|---|---|---|
| Compile information   | To support discussions  | Complete; information transmitted to Ecology; strategy letter will include list of references   |
| Develop strategy letter                                     | 8/31  | In process; discussions and questions raised today will be incorporated   |
| Collect material for detection limit study                  | During current field activities   | Material will be collected and submitted to lab from Gable Mountain Pond area; samples will be spiked with known concentrations of hydrazine to develop a statistically valid detection limit |
| Revise work plans to include sampling for hydrazine         | During the next scheduled revision (Rev. <b>Q</b> for CW-1 and Rev. B for CS-1) |   |
| Present results of detection limit study to Ecology         | After laboratory results received and evaluated                                 |   |
| Collect 200-CW-1 sample for hydrazine                       | During field activities at B-3-3 Ditch  | Sample will be collected from Test Pit BP-9   |
| Collect 200-CS-1 samples for hydrazine                      | During CS-1 field activities  | Samples will be collected (one from each of two test pits)  |
| Formal request letter for contained-in with supporting data | Once sample results are available and evaluated                                 | RL will issue letter with data to Ecology   |
| Receive contained-in determination from Ecology             | Upon their review and approval of supporting data                               |   |

**DISTRIBUTION  
UNIT MANAGERS' MEETING  
200 AREA GROUNDWATER AND SOURCE OPERABLE UNITS**

**078811**

|                        |                          |
|------------------------|--------------------------|
| Bryan Foley.....       | DOE-RL RP (A5-13)        |
| Marvin Furman .....    | DOE-RL RP (A5-13)        |
| Ellen Mattlin .....    | DOE-RL EAP (A2-15)       |
| Mike Thompson .....    | DOE-RL RP (A5-13)        |
| Arlene Tortoso .....   | DOE-RL RP (H0-12)        |
| Lisa Treichel .....    | DOE-HQ (EM-442)          |
|                        |                          |
| Dennis Faulk.....      | EPA (B5-01)              |
|                        |                          |
| Zelma Maine .....      | WDOE (Kennewick) (B5-18) |
| Wayne Soper .....      | WDOE (Kennewick) (B5-18) |
| Ted Wooley.....        | WDOE (Kennewick) (B5-18) |
|                        |                          |
| Chloe Brewster .....   | BHI (H0-19)              |
| Garrett Day .....      | BHI (H0-19)              |
| Linda Deitz.....       | BHI (H0-20)              |
| Bruce Ford .....       | BHI (H0-19)              |
| Michael Graham.....    | BHI (H0-09)              |
| George Henckel .....   | BHI (H0-19)              |
| Greg Mitchem .....     | BHI (H0-21)              |
|                        |                          |
| Tim Lee.....           | CHI (H9-02)              |
| Virginia Rohay .....   | CHI (H0-19)              |
| L. Craig Swanson.....  | CHI (H9-02)              |
| Mary Todd.....         | CHI (H9-03)              |
| Curtis Wittreich ..... | CHI (H9-03)              |
|                        |                          |
| Stuart Luttrell .....  | PNNL (K6-96)             |
| Mark Sweeney .....     | PNNL (K6-81)             |

Please inform Chloe Brewster – BHI (372-9377)  
of deletions or additions to the distribution list.