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

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| 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) |
| | |
| Brenda Becker-Khaleel..... | WDOE (Kennewick) (B5-18) |
| Zelma Maine | WDOE (Kennewick) (B5-18) |
| Tina Masterson-Heggen | WDOE (Kennewick) (B5-18) |
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| Garrett Day | BHI (H0-19) |
| Bruce Ford | BHI (H0-19) |
| Alison Kent..... | BHI (H0-21) |
| Greg Mitchem | BHI (H0-19) |
| Joan Woolard..... | BHI (H0-02) |
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| 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) |
| | |
| Administrative Record (2) | BHI (H0-09) |

Please inform Alison Kent – BHI (372-9192)
of deletions or additions to the distribution list.

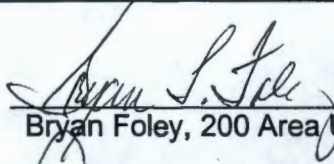
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Meeting Minutes Transmittal/Approval
Unit Managers' Meeting
200 Area Groundwater and Source Operable Units
3350 George Washington Way, Richland, Washington
April 26, 2001

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APPROVAL:

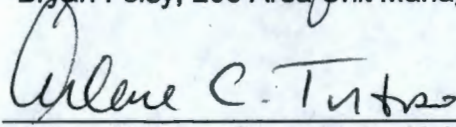


Bryan Foley, 200 Area Unit Manager, DOE/RL (A5-13)

Date

11/7/01

APPROVAL:



Arlene Tortoso, Groundwater Unit Manager, DOE/RL (H0-12)

Date

11/29/01

APPROVAL:

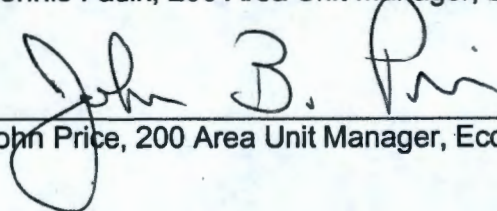


Dennis Faulk, 200 Area Unit Manager, EPA (B5-01)

Date

12-20-01

APPROVAL:



John Price, 200 Area Unit Manager, Ecology (B5-18)

Date

4-JAN-02

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

- Attachment 1 -- Agenda
 - Attachment 2 -- Attendance Record
 - Attachment 3 -- 200 Area Current Action Log
 - Attachment 4 -- 200 Area UMM Minutes – April 2001
 - Attachment 5 -- Graphs of Carbon Tetrachloride Concentrations
-

Prepared by: Alison Kent Date 10-25-01
Alison Kent, BHI GW/VZ Integration Project (H0-21)

Concurrence by: Bruce Ford Date 10/30/01
Bruce Ford, BHI GW/VZ Integration Project (H0-19)

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UNIT MANAGERS' MEETING AGENDA

3350 George Washington Way

April 26, 2001

9:00 a.m. – 11:00 a.m. 200 Area Room 1B40

General (10 minutes)

- Outstanding Action Items (attached)
- DOE-GJO/Mactec 200 Area Geophysical Logging Program

Groundwater Operations (5 minutes)

- Proposed report consolidations (adding ZP-2 to the UP-1/ZP-1 annual)

200-UP-1 (10 minutes)

- Operations Status
- Design modification status to transform old injection well to an additional extraction well
- Monitoring Well Installation Schedule Status
- Approval on "Interim Action Waste Management Plan for the 200-UP-1 Operable Unit"

200-ZP-1 (10 minutes)

- Treatment Operations Status
- PFP Well Installation
 - Schedule Status
 - Well Location

200-ZP-2 (PW-1) (10 minutes)

- Soil Vapor Extraction System Restart Status
- Carbon Tetrachloride Vapor Monitoring (Passive System)
- Z-9 Well Deepening Status

200-PW-1 Plutonium/Organic-Rich Process Waste OU (10 minutes)

- Work Plan Status
 - Dispersed CCl₄ plume DQO process
 - Draft A Work Plan due to regulators 12/31/01
 - M-13-00L TPA Change Package in preparation

200-CW-1 Gable/B Pond and Ditches Cooling Water OU (5 minutes)

- Feasibility Study Status
 - Land-Use Scenario Development Meeting in May
 - Status FS and TPA Change Package M-15-01-01

200-CS-1 Chemical Sewer OU (5 minutes)

- Status vitrification plant pipeline crossing proposal across 216-A-29 Ditch

200-TW-1 Scavenged and 200-TW-2 Tank Waste OUs (10 minutes)

- Work Plan Status
 - Drilling start date
 - Status Regulator approval of work plan to support scheduled start of field work

200-PW-2 Uranium-Rich Process Waste OU (5 minutes)

- Work Plan Status
 - Rev. 0 Work Plan to address 200-PW-4 TSD Closure Plans; TPA change packages (M-15 and M-20) in preparation

**200 Area Unit Managers' Meeting
OPEN ACTION ITEMS & TRACKING**

| Action # | Action/Subject | Assigned To | Owed To | Assigned Date | Original Due Date | Adjusted Due Date | Date Complete | Status |
|----------|--|-----------------|---------------------|---------------|-------------------|-------------------|---------------|--------|
| 15 | 200 Area Implementation Plan Ecology comment response letter | Bryan Foley, RL | John Price, Ecology | 01/18/2000 | | TBD | | |

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MEETING MINUTES
200 AREA GROUNDWATER AND SOURCE OPERABLE UNITS
UNIT MANAGERS' MEETING -- 200 AREA
April 26, 2001

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Attendees: See Attachment #2

Agenda: See Attachment #1

Topics of Discussion:

1. General

- Outstanding Action Items – No discussion.
- DOE-GJO/Mactec 200 Area Geophysical Logging Program – Mactec is funded to do the 200 Area-wide logging. They need some support from the Environmental Restoration Contractor (ERC). There is an issue related to Investigation Derived Waste (IDW) Waste Management. There will be no contact with the soil itself. They will be logging in vadose zone casings. Geophysical logging is covered in the Waste Control Plan (WCP).

2. Groundwater Operations

- Proposed Report Consolidations – It was proposed that the annual reports for UP-1/ZP-1 and ZP-2 could be combined. U.S. Environmental Protection Agency (EPA) expressed no preference as to whether the reports should be combined or kept separate. EPA requested information on the aquifer testing being performed on the technetium plume at the tank farm. Office of River Protection (ORP) plans to perform a test on the new well.

3. 200-UP-1

- Operations Status – We adjusted the output rate of the pump a little. It seems to be running smoothly.
- Design Modification Status to Transform Old Injection Well to an Additional Extraction Well – The design team has begun to look at hooking up next year. Some of the control boxes are part of Effluent Treatment Facility (ETF). We are trying to do as much planning as we can this fiscal year.
- Monitoring Well Installation Status – Everything is going well. The Work Plan for the Installation of Groundwater Monitoring Well 299-W19-43 at the 200-UP-1 Operable Unit is going to get signed off today. EPA requested that documents requiring EPA signature no longer be labeled "Description of Work" due to a TPA linkage issue. "Description of Work" is not listed in the Tri-Party Agreement (TPA).
- Approval On "Interim Action Waste Management Plan For the 200-UP-1 Operable Unit" – This document was approved and is being issued.

4. 200-ZP-1

- Treatment Operations Status – The system is operating at about 175 – 180 gpm. Operations are going well.
- Plutonium Finishing Plant (PFP) Well Installation –
 - Schedule Status – The planning for drilling is on schedule. Drilling is expected to begin in August.
 - Well Location – The location approved by EPA during the March 22, 2001, Unit Managers Meeting (UMM) has been staked. The plan is to drill a groundwater well. If the carbon tetrachloride concentrations are significant in the vadose zone, there is an option to build it as a vapor extraction well.

5. 200-ZP-2 (PW-1)

- Soil Vapor Extraction System Restart Status – Soil Vapor Extraction (SVE) started up on April 4th at the 216-Z-1A site. Minor startup problems were experienced and the system was shut down and restarted on April 6th. Now it is running well. Currently, seven wells are on-line to the SVE system. Graphs were distributed showing current extraction concentrations and a perspective of past operations at this location. There are eight wells that have passive soil vapor extraction systems.
- Carbon Tetrachloride Vapor Monitoring – There is no new data on monthly sampling since the March UMM.
- Z-9 Well Deepening Status – The drilling will begin May 14, 2001. EPA requested that a message be sent when the drilling starts. EPA encouraged DOE to work closely with Joe Rossabi (Savannah River Technology Center) to use Dense Nonaqueous Phase Liquid (DNAPL) detection tools such as the ribbon Nonaqueous Phase Liquids (NAPL) Sampler.
- PFP Parking Lot Expansion - DOE informed EPA that PFP wishes to expand the parking lot close to the 216-Z-9 waste site. The proposed lot would be made of gravel. The major concern was how this might affect expanding the vapor extraction system.

6. 200-PW-1 Plutonium/Organic-Rich Process Waste OU

- Work Plan Status
 - Dispersed CCl₄ Plume Data Quality Objective (DQO) Process – The CCl₄ plume DQO effort is underway. Virginia Rohay will be lead on this activity. It should occur in May. Interactions with EPA will occur in May.
 - Draft A Work Plan Due to Regulators 12/31/01 – TPA change package (M-13-01-01) to modify the work plan completion date to 12/31/01 was approved by the regulators on 4/19/01.

- M-13-00L TPA Change Package in Preparation – DOE is preparing a TPA change package to recommend that the 200-PW-1 work plan satisfies this major milestone.

7. 200-CW-1 Gable/B Pond and Ditches Cooling Water OU

- Feasibility Study Status

- Land-Use Scenario Development Meeting in May – Ecology not present. No discussion on this agenda item.
- Status Feasibility Study (FS) and TPA Change Package M-15-01-01 – Ecology not present. No discussion on this agenda item.

8. 200-CS-1 Chemical Sewer OU

- Status Vitrification Plant Pipeline Crossing Proposal Across 216-A-29 Ditch – Ecology not present. No discussion on this agenda item.

9. 200-TW-1 Scavenged and 200-TW-2 Tank Waste OUs

- Work Plan Status

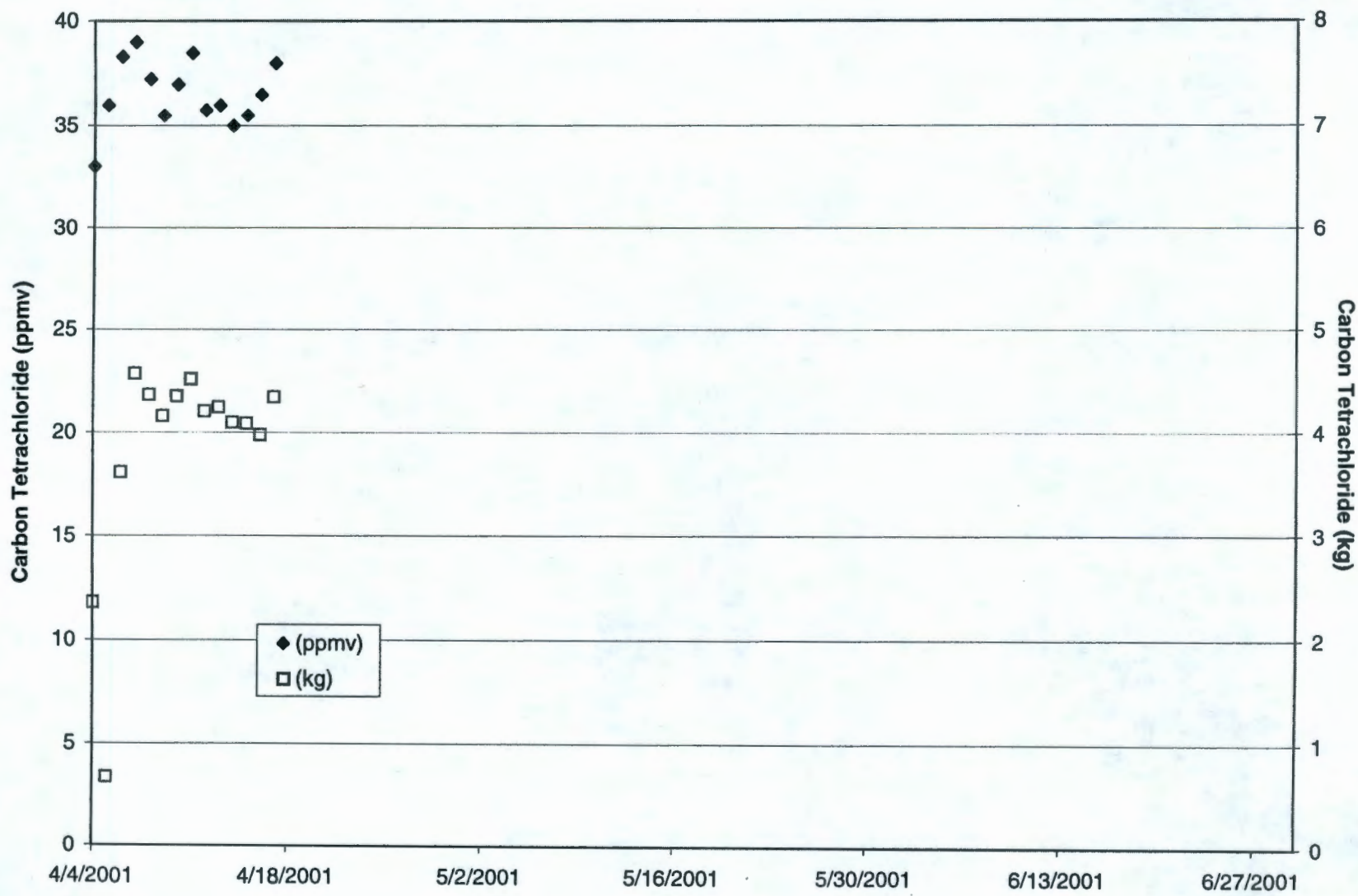
- Drilling Start Date – The drilling contract will be in place this week. A field mock-up will be initiated June 4, 2001, and drilling is scheduled to begin on June 11, 2001. Simultaneous drilling will be performed at 216-B-38 (five drive casings) and 216-T-26 (one deep borehole). The driller's schedule may cause a slip in the scheduling.
- Status Regulator Approval of Work Plan to Support Scheduled Start of Field Work – EPA will verify that the work plan is approved. DOE reported that installation of the drill pads has begun.

10. 200-PW-2 Uranium-Rich Process Waste OU

- Work Plan Status

- Rev. 0 Work Plan to Address 200-PW-4 TSD Closure Plans; TPA Change Packages (M-15 and M-20) In Preparation – Ecology not present. No discussion on this agenda item.

Z-1A/Z-18/Z-12



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