

**222-S Project Managers Meeting & Misc. Lab Issues  
(TSD: TS-2-1)**

2440 Stevens Center, Room 1600

November 10, 2005

9:30 – 10:15 p.m.

**RECEIVED**  
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**EDMC**

DOE: <sup>FEB</sup> Andrew Stevens  
Andrew Stevens

12-8-05  
Date

ECOLOGY: Deborah Singleton  
Deborah Singleton

12/8/05  
Date

# MEETING MINUTES

222-S Project Manager's Meeting and Miscellaneous Lab Issues (TSD:TS-2-1)

10/13/05

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## Meeting Attendees:

Noe'l Smith-Jackson, Ecology  
Barb Hill, CH2M HILL

Lucinda Borneman, CH2M HILL  
Jou Hwang, ATL

## Introduction and Approval of Previous Meeting Minutes:

The meeting was called to order at 9:30 a.m. Since neither ORP nor the Ecology Project Managers were in attendance, the October 2005 meeting minutes were not approved.

## Action Items:

No actions items from the previous month.

## 222-S Laboratory TSD, RCRA Permit, or Miscellaneous Issues:

Ecology requested an answer to questions pertaining to 222-S Holding Times (see attached page).

**ACTION:** Ecology requests that ATL provide information on any existing holding time issues for 222-S Laboratory. Please provide scenarios/circumstances attributable to the laboratory that would cause sample holding times no not be met for specific SW-846 procedures.

**DUE DATE:** December 8, 2005 (at the next meeting)

## 222-S Laboratory Operations:

Ms. Barb Hill of CH2M HILL presented the Operations Report. The report is attached. Mr. Jou Hwang of ATL provided an update of ATL activities. ATL is developing its Voluntary Protection Program application to DOE. The Beryllium analysis supporting the Industrial Hygiene certification went well. The certification assessment is expected in Spring 2006 with specific dates dependant on the certifying organization's schedule.

## Next Meeting:

December 8, 2005

2440 Stevens, room 1600

9:30 – 10:00 a.m.

222-S Project Managers Meeting & Misc. Lab Issues (TSD: TS-2-1)

11/10/05

**Attachment 1**  
**List of Attendees**  
**Agenda**  
**222-S Lab Operations Report**  
**Action Items**



222-S Project Managers Meeting & Misc. Lab Issues  
2440 Stevens, Room 1200  
November 10, 2005  
9:30 – 10:15 a.m.

Agenda

1. Introductions
2. Approval of Previous Meeting Minutes
3. Status of Action Items
4. 222-S TSD
5. 222-S Permit Issues
6. 222-S Laboratory
  - 6.1. Operational and Analytical Report
7. Misc. Issues
8. Review of New Action Items

**MONTHLY STATUS REPORT**  
**222-S Laboratory**  
**OPERATIONS AND TECHNOLOGY DEVELOPMENT**  
**November 2005**

- ORP and CH2M HILL self-identified to the Washington State Department of Health that the 11A Hot Cell within the 222-S Laboratory exceeded the Annual Possession Quantity for radionuclides in 2003. This exceedence was discovered during an internal CH2M HILL assessment. The Annual Possession Quantity of radionuclides is specified in the Notice of Construction approval for construction and operation of the 11A Hot Cell addition to the 222-S Laboratory.
- CH2M HILL is preparing to occupy a small mobile office adjoining the 222-S Laboratory Complex, mobile office MO-409. This change to the 222-S Complex boundary will be reflected in the upcoming revisions to the 222-S Laboratory Complex Building Emergency Plan.
- Steam was provided to 222-S during this reporting period. Room temperature is critical to the proper performance of laboratory equipment.
- The 222-S Laboratory Voluntary Protection Program (VPP) assessment will occur during November. 222-S Laboratory was awarded Star Status in DOE's VPP program. Of particular focus will be the operation of ATL and interfaces with the CH2M HILL program. 222-S Laboratory has continued its excellent safety culture and record throughout and after the transition to ATL.
- Waste shipments during this reporting period were:
  - LLW: one C-van box
  - MW: 11 containers
- Finished initial development and implementation of thermal desorption analytical method for the analysis of semi-volatile organic compounds supporting Tank Farm Vapor Sampling.
- Finished instrument analysis of samples from the "A" Tank Farms and immediate surrounding areas. This analysis is important in the decision for determining the proper personal protection for Tank Farm workers. The Laboratory is currently completing the data review and report generation.

## 11/10/05 222-S Laboratory PMM

### Ecology's Question Pertaining to 222-S Holding Times

The following language has been proposed for inclusion in the 200-IS-1 Data Quality Objectives (DQO) document pertaining to sample analysis at 222-S Laboratory:

“The laboratory shall strive to meet the applicable SW-846, *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*, holding times. Therefore, sample handling, preparation, and analysis shall be performed with this goal in mind. If a holding time cannot be met, the laboratory shall perform the analysis as soon as possible.”

Action Item: Ecology requests that ATL provide information on any existing holding time issues for 222-S Laboratory. Please provide scenarios/circumstances attributable to the laboratory that would cause sample holding times to not be met for specific SW-846 procedures.

## CORRESPONDENCE DISTRIBUTION COVERSHEET

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Addressee  
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Correspondence No.  
CH2M-0600212  
January 12, 2006

Subject: 222-S PROJECT MANAGERS' MEETING AND MISCELLANEOUS LAB ISSUES  
(TSD: TS-2-1), NOVEMBER 2005

### DISTRIBUTION

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		Administrative Record	H6-08	X
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		B. R. Hill	T6-03	X
		M. N. Jarayssi	H6-03	X
		P. C. Miller	R1-51	X
		J. A. Voogd	H6-03	X
		222-S Regulatory File	T6-03	X
		LEB File/LB		
		<b><u>U.S. Department of Energy</u></b>		
		<b><u>Office of River Protection</u></b>		
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		J. J. Wallace	H0-57	X
		<b><u>Analytical Technologies and Laboratories International, Inc.</u></b>		
		H. L. Anastos	T6-10	X
		J. G. Hwang	T6-10	X

*LE Borneman 1/11/06*