

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

2440 Stevens Center, Room 1600

March 9, 2006

9:30 – 10:15 p.m.

RECEIVED  
MAY 18 2006

EDMC

DOE: *AS*

Andrew Stevens - not present

Date

ECOLOGY:

*Janne Wallace for*  
Deborah Singleton

*JW/K*  
~~5/18/06~~ / *Do*  
Date

# MEETING MINUTES

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

3/09/06

Page 1 of 2

## Meeting Attendees:

Deborah Singleton, Ecology  
John Roberts, Ecology  
Lucinda Borneman, CH2M HILL  
Don Hardy, CH2M HILL  
Karyn Wiemers, ATL

Jeanne Wallace, Ecology  
Noel Smith-Jackson, Ecology  
Barb Hill, CH2M HILL  
Jou Hwang, ATLI

## Introduction and Approval of Previous Meeting Minutes:

The meeting was called to order at 9:30 a.m. Mr. Andy Stevens, ORP, was not in attendance due to travel

## Action Items:

**ACTION:** Ecology requested that a schedule to provide a certified copy of the 222-S Laboratory RCRA Permit application to Ecology by May 15, 2006.

**DUE DATE:** January 12, 2006

**STATUS:** Ecology letter was received, ORP will respond with a schedule during the upcoming month. It was agreed to keep this action open until the Ecology letter is received.

**ACTION:** ORP and CH2M HILL requested a letter from Ecology stating what additional information they are requesting of ORP and CH2M HILL on the 222-S permit.

**DUE DATE:**

**STATUS:** Meetings scheduled to receive Ecology comments.

**ACTION:** Provide drawings for drain lines for the 219-S Tank System.

**DUE DATE:** 3/9/06

**STATUS:** Meeting scheduled by CH2M HILL for 3/21/06 to explain drain lines for the 219-S Tank System to Ecology.

**ACTION:** Provide briefing to Ecology (Wallace) on Project W-314 updates to the 219-S Tank System piping.

**DUE DATE:** 3/9/06

**STATUS:** Meeting scheduled by CH2M HILL for 3/21/06 to explain Project W-314 updates to the 219-S Tank System piping.

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

Ecology sent a letter to ORP and CH2M HILL requesting a certified copy of the 222S Part B application be provided by April 1, 2006. The ORP response letter will be provided to Ecology in the upcoming weeks.

## 222-S Laboratory Operations:

Mr. Don Hardy of CH2M HILL presented the Operations Report. Mr. Jou Hwang of ATLI presented the Analytical Report. Both reports are attached.

# MEETING MINUTES

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

3/09/06

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## Next Meeting:

April 13, 2006

2440 Stevens, room 1600

9:30 – 10:00 a.m.

222-S Project Managers Meeting & Misc. Lab Issues (TSD: TS-2-1)  
3/09/06

**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  
March 9, 2006  
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

222-S Laboratory  
 Project Managers' Meeting  
 2440 Stevens, room 1600  
 March 9, 2006  
 9:30- 10:15 a.m.

ATTENDEES

Name	Affiliation	MSIN	Phone
LE Borneman	CH2m HILL		
Karyn Wiemers	ATL		375 4200 ext 232
Jai HWANG	ATL		373-4414
Noel Smith-Jackson	ecology		372-7926
Joanne Wallace	Ecology		372-7931
Deborah Singleton	Ecology		372-7923
John Roberts	Ecology		372-7906
Bert Hill	CH2m HILL		372 3076
Don Hardy	CH2m HILL		

## MONTHLY ANALYTICAL REPORT

222-S Laboratory

March 2006

- The report for the ICAT (Integrated Contractor Audit Team) audit of the Advanced Technologies and Laboratories International, Inc. (ATL) 222-S Laboratory program against the requirements of the Hanford Analytical Services Quality Assurance Requirements Documents (HASQARD) was received by ATL on September 26. The response, including corrective action plans for the four findings and 8 observations was sent to Fluor Hanford (FH) on October 26. ATL has also established implementation procedures and practices for the areas identified in the program as non-implemented. On January 16, FH accepted the corrective actions for the findings, however, requested additional information on the four non-implemented areas. This information was provided via an implementation plan, as requested.
- ATL is performing two self-assessments this month in the areas of Quality Assurance and ISMS. These assessments will focus on validating the implementation of ATL-MP-1002, "Quality Assurance Program Description" and ATL-MP-1009, "Integrated Environmental, Safety, and Health Management System Description for the 222-S Analytical Services Production Contractor."
- The secondary ICP/MS for 222-S has been permanently removed from service. This instrument can not be repaired, and is scheduled for replacement in October.

**MONTHLY STATUS REPORT**  
**222-S Laboratory**  
**OPERATIONS AND TECHNOLOGY DEVELOPMENT**  
March 2006

- Hot Cell leak testing conducted this week pointed to one hot cell (1F) that set off the leak detector. This occurred after manual manipulation (snaking of the drain) due to slow drainage. Ecology was present to witness portions of the field execution.
- 222S Emergency Preparedness is working to identify impacts associated with directive DOE-O-151.1C for Comprehensive Emergency Planning Systems.
- Bechtel National, Inc. Supplier Quality performed a survey of APD/222-S to verify implementation of our Quality Assurance Program and the Laboratory Management Plan. There were no deficiencies or observations during the survey and CH2M HILL ATS 222-S was recommended for placement on BNI's Approved Supplier List.
- CH2M Hill has provided ORP with a schedule for completing compliance order #2 actions associated with the NOV received from WDOH relative to the 296-S-21 stack. ORP will subsequently respond to WDOH. The schedule will be reviewed weekly in 222S planning meetings to ensure adherence to the schedule.
- 222S Laboratory accepted Double Shell Tank treatability study residues, waste, and samples from BWXT. The 2 shipments were accepted at 222-S Laboratory in February, the first shipment was comprised of 8 containers, and the second was comprised of 7 containers.
- The following waste shipments occurred during this reporting period:
  - Low Level/ PCB Waste: 0 container
  - Mixed Waste: 9 containers
  - Haz Waste: 1 container



Meeting Minute Approval Sheet

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

2440 Stevens Center, Room 1600

February 9, 2006

9:30 – 10:15 p.m.

DOE: <sup>FEB 3/9/06</sup> Andrew Stevens Date

ECOLOGY: Deborah Singleton <sup>Deborah Singleton</sup> for 3/9/06 Date

# MEETING MINUTES

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

2/09/06

Page 1 of 1

## Meeting Attendees:

Jeanne Wallace, Ecology  
Andy Stevens, ORP  
Barb Hill, CH2M HILL  
Rob Schroeder, ATLII

John Roberts, Ecology  
Lucinda Borneman, CH2M HILL  
Don Hardy, CH2M HILL

## Introduction and Approval of Previous Meeting Minutes:

The meeting was called to order at 9:30 a.m. The January 2006 meeting minutes were approved.

## Action Items:

ACTION: Ecology requested that a schedule to provide a certified copy of the 222-S Laboratory RCRA Permit application to Ecology by May 15, 2006.

DUE DATE: January 12, 2006

STATUS: It was agreed to keep this action open until the Ecology letter is received.

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

Ecology requested that ORP and CH2M HILL define the starting point of the 222-S RCRA permit and application. With changes in personnel and multiple revision numbers within the application, Ecology requested verification of the current revision number of the 222-S RCRA Part B application chapters and attachments.

ACTION: ORP, CH2M HILL, and Ecology meet and determine current configuration of the 222-S RCRA Part B application.

DUE DATE: January 19, 2006.

STATUS: CLOSED. Meeting occurred on January 31, 2006.

ORP and CH2M HILL requested a letter from Ecology stating what additional information they are requesting of ORP and CH2M HILL on the 222-S permit.

ACTION: Ecology to transmit a letter to ORP and CH2MHILL stating what additional information they are requesting of ORP and CH2M HILL on the 222-S RCRA permit.

DUE DATE: February 9, 2006

STATUS: OPEN.

## 222-S Laboratory Operations:

Mr. Don Hardy of CH2M HILL presented the Operations Report. Mr. Rob Schroeder of ATLII presented the Analytical Report. Both reports are attached.

ACTION: Provide drawings for drain lines and the 219-S Tank System.

DUE DATE: March 9, 2006

ACTION: Provide briefing to Ecology on Project W-314 updates to the 219-S Tank System piping.

DUE DATE: March 9, 2006

Next Meeting:

March 9, 2006

2440 Stevens, room 1600

9:30 – 10:00 a.m.

222-S Project Managers Meeting & Misc. Lab Issues (TSD: TS-2-1)  
2/09/06

**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

February 9, 2006

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 ANALYTICAL REPORT

222-S Laboratory

February 2006

- The report for the ICAT (Integrated Contractor Audit Team) audit of the Advanced Technologies and Laboratories International, Inc. (ATL) 222-S Laboratory program against the requirements of the Hanford Analytical Services Quality Assurance Requirements Documents (HASQARD) was received by ATL on September 26. The response, including corrective action plans for the four findings and 8 observations was sent to Fluor Hanford (FH) on October 26. ATL has also established implementation procedures and practices for the areas identified in the program as non-implemented. On January 16, FH accepted the corrective actions for the findings, however, requested additional information on the four non-implemented areas. This information was provided via an implementation plan, as requested.
- The ATL Quality Assurance Program Description (QAPD) (ATL-MP-1002) was revised and approved by ORP on January 20, 2006. This replaces the conditional approval given on June 29, 2005.
- The ATL Conduct of Operations Applicability Matrix (ATL-MP-1019) was approved by ORP on January 20, 2005.

**MONTHLY STATUS REPORT**  
**222-S Laboratory**  
**OPERATIONS AND TECHNOLOGY DEVELOPMENT**  
January 2006

- The drain line from the 1F Hot Cell was drained of 1 liter of liquid which was determined to be from the leak of the primary line, and not condensate. The liquid was dark in color, low pH, and high in nitrates, which is consistent with a leak in the primary line after the use of nitric acid. An informational notification was placed to Ecology on January 27 informing them of the leak to secondary containment. The 1F Hot Cell drain line is RCRA compliant and no leakage occurred outside the drain line or to the environment. The Drain line was taken out of service when the drain line secondary containment alarm was initially triggered. Additional follow up actions are under development, and will be shared with Ecology when pathforward is better defined.
- Installation of the bleed valves on P-1 pump is expected to occur in April 2006. The P-1 pump replacement is a prerequisite for the 219-S to SY-101 transfer now scheduled for June. Integrity assessments for transfer lines SNL-5350 and SNL-5351 (219-S to SY Farm) are scheduled to occur by April 2006. The integrity assessments are also prerequisite for 219-S to SY-101 transfer.
- 222S Laboratory accepted Double Shell Tank treatability study residues, waste, and samples, SRNL Shipment 27. The shipment was accepted at 222-S Laboratory on 1/31/06, 24 bottles were transferred to the 219-S Tank system, 8 bottles were transferred to a 222-S Laboratory container storage TSD, 11 drums were transferred to the DMWSA, and one container was received as sample for archive. Two shipments from BWXT are expected before the end of February.
- CH2M HILL and ORP personnel met with Ecology on January 31 to verify the appropriate version of the 222S Part B application is in effect.
- The following waste shipments occurred during this reporting period:
  - Low Level/ PCB Waste: 1 container
  - Mixed Waste: 19 containers
- 222-S Laboratory completed the analyses of C Tank Farm Area vapor samples. The data process is continuing. This data will help CH2M HILL to determine the appropriate level of personnel protective equipment to use during work in the C Tank Farm area.
- During this reporting period, 222-S Laboratory Technical Development organization developed a procedure for transferring vapor samples from radioactively contaminated SUMMA Canisters into non-radioactively contaminated SUMMA canisters. This procedure was used to free release samples and facilitated analyses of vapor samples by off-site laboratories.

## CORRESPONDENCE DISTRIBUTION COVERSHEET

Author  
L. E. Borneman, 373-2821

Addressee  
Distribution

Correspondence No.  
CH2M-0601316  
May 16, 2006

Subject: 222-S PROJECT MANAGERS' MEETING AND MISCELLANEOUS LAB ISSUES  
(TSD: TS-2-1), FEBRUARY AND MARCH 2006

### DISTRIBUTION

Approval	Date	Name	Location	w/att
		Correspondence Control	A3-01	X
		CH2M Hill Correspondence Control	H6-08	X
		<b><u>CH2M HILL Hanford Group, Inc.</u></b>		
		Administrative Record	H6-08	X
<i>LEBorneman</i>	<i>5/15/06</i>	L. E. Borneman	T6-03	X
		L. T. Blackford	R1-51	X
		D. B. Hardy	T6-14	X
		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>		
		R. W. Russell	H6-60	X
		R. R. McNulty	H6-60	X
		A. J. Stevens	H6-60	X
		<b><u>Washington State Department of Ecology</u></b>		
		D. G. Singleton	H0-57	X
		N. Smith-Jackson	H0-57	X
		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