

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

2440 Stevens Center, Room 1600

September 8, 2005

9:30 - 10:15 p.m.

RECEIVED
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EDMC

DOE: LEB
AS
Andrew Stevens

10-13-05
Date

ECOLOGY: DS
Deborah Singleton
Deborah Singleton

10-13-05
Date

MEETING MINUTES

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

9/08/05

Page 1 of 1

Meeting Attendees:

Andrew Stevens, DOE ORP
Deborah Singleton, Ecology
Don Hardy, CH2M HILL

Noe'l Smith-Jackson, Ecology
Lucinda Borneman, CH2M HILL
Heather Anastos, ATL

Introduction and Approval of Previous Meeting Minutes:

Mr. Andy Stevens, ORP, called the meeting to order at 9:30 a.m. ORP and Ecology approved the August 2005 meeting minutes.

Action Items:

No action items.

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

Ecology related that 222-S Laboratory RCRA permit has been moved to the top of the Ecology priority for issuance. Ecology will be reviewing the 222-S Part B Application for changes that need to be made prior to final issuance. Ecology will be reviewing the public comments made on the application when it was released for public review and comment in 2001; Ecology will provide responses to the comments prior to final issuance of the permit.

222-S Laboratory Operations:

Heather Anastos of ATL presented the Analytical Report and Mr. Don Hardy of CH2M HILL presented the Operations Report. The reports are attached.

ACTION: Provide Ecology with a description of changes made to EPA Method 29 to make it amenable for use with a handheld instrument.

Next Meeting:

October 13, 2005

2440 Stevens, room 1600

9:30 – 10:00 a.m.

222-S Project Managers Meeting & Misc. Lab Issues (TSD: TS-2-1)
9/08/05

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

222-S Laboratory
 Project Managers' Meeting
 2440 Stevens, room 1600
 September 8, 2005
 9:30- 10:15 a.m.

ATTENDEES

Name	Affiliation	MSIN	Phone
Noel Smith-Jacks	ecology		372-7926
Deborah Singleton	ecology		372-7923
Andy Stevens	ORP		376-8235
LE Borenman	CH2M		373-2821
Heather Anastos	ATL		
Don Hardy	CH2M		

222-S Project Managers Meeting & Misc. Lab Issues
2440 Stevens, Room 1200
September 8, 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 ANALYTICAL REPORT
222-S Laboratory
September 2005

- The new liquid scintillation instrument has been received at the lab. The vendor is scheduled to perform the installation on September 19.
- The quarterly chemical inventory at 222-S was completed in August.
- Mixed Analyte Performance Evaluation Program (MAPEP) samples have been analyzed and were submitted to Quality Assurance for review and reporting. The MAPEP sample results must be reported by October 6, 2005.
- The report for the ICAT (Integrated Contractor Audit Team) audit of the Advanced Technologies and Laboratories International, Inc. 222-S Laboratory program against the requirements of the Hanford Analytical Services Quality Assurance Requirements Documents (HASQARD) is expected this week.
- The Target software used to manage organic data failed twice during the August. Apparent cause of the failure has been identified as a bad sector on the hard drive where the user configuration files were kept. The software is currently operational and being monitored.
- Both the PQ Excel and the POEMS ICP/MS instruments were out of service briefly this past month. Both instruments have been repaired and returned to service.

MONTHLY OPERATIONS REPORT

222-S Laboratory

September 2005

- The 219S tank waste transfer occurred on Thursday, August 18th when 2500 gals were transferred to the DST System's tank SY-101 with 1100 gallons remaining in tank 102 at 219S. CH2M HILL is evaluating the transfer data to identify why the entire contents of tank 102 cannot be pumped to SY-101. Preliminary evaluation suggests that P1 pump may not produce sufficient head pressure to initiate the line siphoning system.
- The 222S HVAC UPS system was successfully replaced during this reporting period. The upgrade is necessary to ensure reliability of the ventilation control system. During replacement activities, the lab was ventilated by the diesel driven exhaust fan only and normal operations were restricted. 222S Laboratory was returned to unrestricted operations on Monday, August 22nd.
- During the final stages of the 1F hot cell cleanout, the drain line was determined to be obstructed. The drain has not been used for a number of years. Corrective maintenance to clear the obstruction has been initiated.
- Room 2B, hood 16 drain system that leads to the 219-S Tank System has had a chronic draining problem for the past several years. Recent trouble shooting indicates the piping to the strainer is partially clogged. Current plans are to perform corrective maintenance on the drain September 8, 2005.
- 222-S Laboratory continues to evaluate a handheld X-ray Fluorescence analyzer to determine if it can allow for the rapid measurement of key constituents in vitrified matrices.
- 222-S Laboratory has installed a Gerstel Thermal Desorption Unit for the analysis of semi-volatile organics chemicals in vapor samples. This equipment expands the 222-S analytical capability for vapor analyses to include both volatile and semi-volatile constituents. Current activities are focused on optimizing the operation of the unit to support vapor analysis of semi-volatile compounds.
- 222-S Laboratory has developed a modification to the EPA method 29 for metals in vapor. A small hand held sampling device has been developed and provided to the Industrial Hygiene program for sampling in the tank farms. This equipment has been implemented in field and is currently taking samples for the analysis of metals in Tank vapor.

CORRESPONDENCE DISTRIBUTION COVERSHEET

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Correspondence No.
CH2M-0503274
November 8, 2005

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

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		D. B. Hardy	T6-14	X
		B. R. Hill	T6-03	X
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		K. S. Tollefson	S7-67	X
		222-S Regulatory File	T6-03	X
		LEB File/LB	T6-06	X
		<u>U.S. Department of Energy</u>		
		<u>Office of River Protection</u>		
		R. W. Russell	H6-60	X
		A. J. Stevens	H6-60	X
		<u>Washington State Department of Ecology</u>		
		D. G. Singleton	H0-57	X
		N. Smith-Jackson	H0-57	X
		J. J. Wallace	H0-57	X
		<u>Analytical Technologies and Laboratories International, Inc.</u>		
		H. L. Anastos	T6-12	X
		J. G. Hwang	T6-10	X