

Meeting Minute Approval Sheet

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

Federal Building, Room 340

October 30, 2003

9:15 – 10:00 p.m.

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DOE: *LEB 11/19/03* *AJ Stevens* *11-20-03*
Andrew Stevens Date

ECOLOGY: *Rick A Bond* *11-20-03*
Rick Bond Date

MEETING MINUTES

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

10/30/03

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Meeting Attendees:

Andrew Stevens, DOE ORP
Tracy Gao, Ecology
Lucinda Borneman, CH2M HILL
Don Hardy, CH2M HILL

Rick Bond, Ecology
Noel Smith-Jackson, Ecology
John Prilucik, CH2M HILL
Jeff Westcott, FH

Introduction:

Mr. Andy Stevens, ORP, called the meeting to order at 9:15 a.m.

Approval of Previous Meeting Minutes:

RL and Ecology approved the August 28, 2003 meeting minutes. The September PMM was cancelled to accommodate conflicting schedules.

Status of Action Items:

There are no open action items.

222-S Laboratory TSD Issues:

Impact of Project W-314 to the 222-S Part B Application

CH2M HILL evaluated the 222-S Part B Application for differences between the discussion in the application and the changes being made to the 219-S Tank System piping and instrumentation systems as a result of Project W-314. The modification will result in direct waste transfer from the 219-S Tank System to a Double Shell Tank, instead of an intermediary aggregation at the 244-S Double Contained Receiver Tank (DCRT). The evaluation of the application revealed that the transfer path of waste from the 219-S Tank System was reflected as the general term "Double Shell Tank System" and not as the more specific DST system subcomponent "244-S DCRT". The evaluation revealed the only mention of the 244-S DCRT is in a figure in Chapter 4.

Receipt of off-unit waste into 222-S Lab

Mr. Jeff Westcott, FH presented information (attached) regarding accepting of ^{waste} Double Shell Tank Treatability Study ^{the} that is currently being stored at the Pacific EcoSolutions, LLC (PEcoS). The treatability studies on DST waste were conducted at the Savannah River Technical Center in support of the Hanford Waste Treatment Plant. 222-S Laboratory is currently accepting residues from the treatability studies into the 11-A Hot Cells where the residues are declared waste and transferred to the 219-S Tank System. The waste is of similar chemical make-up and from the same Treatability Studies of DST waste. Ecology concurred with the proposed action.

MEETING MINUTES

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

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222-S Laboratory Operations:

Mr. Don Hardy and Mr. John Prilucik, CH2M HILL presented the 222-S Operations and Analytical reports for October by telecon. The reports are attached.

Next Meeting:

November 20, 2003

Federal Building, room 340

9:15 – 10:00 a.m.

222-S Project Managers Meeting & Misc. Lab Issues (TSD: TS-2-1)
10/30/03

Attachment 1
List of Attendees
Agenda
Action Items
Other Handouts

222-S Laboratory
 Project Managers' Meeting
 Federal Building, Room 340
 October 30, 2003
 9:15 - 10:00 a.m.

ATTENDEES

Name	Affiliation	MSIN	Phone
Tracy Gao	Ecology	B5-1B	736-5718
Jeff Westcott	FH	T4-05	373-9000
Lucinda Borneman	CH2M HILL		373-2821
Andy Stevens	ORP		376-8235
Neil Smith-Jackson	ECY		736-3047
Rick Bond	Ecology		736-3007
Don Handey	CH2M	telecon	
John Prulucik	CH2M	telecon	

222-S Project Managers Meeting & Misc. Lab Issues

Federal Building rm. 340

October 30, 2003

9:15 – 10:00 a.m.

Agenda

1. Introductions
2. Approval of Previous Meeting Minutes
3. Status of Action Items
4. 222-S TSD Issues
 - 4.1. Impact of Project W-314 to 222-S Part B Application
 - 4.2. Receipt of off-unit waste into 222-S.
5. 222-S Laboratory
 - 5.1. Operational Report
6. Misc. Issues
7. Review of New Action Items

222-S Project Managers Meeting & Misc. Lab Issues (TSD: TS-2-1)
10/30/03

Attachment 2
222-S Lab Operations Report

MONTHLY OPERATIONS REPORT
222-S LABORATORY
October 2003

222-S Laboratory transitioned from Fluor Hanford to CH2M HILL on October 1, 2003. The transition of personnel, equipment, and facilities went smoothly as a result of the planning and transition activities performed over the last quarter of Fiscal Year 2003. Procedures will be integrated into the CH2M HILL processes over the first quarter of Fiscal Year 2004.

222-S Laboratory replaced the balance of the sanitary water distribution lines in September and October. No analytical work was performed in the laboratory during the outages. The laboratory was placed back in service after the completion of the outages. Work on the sanitary water lines was coordinated with Analytical and the customers so that high priority work was not impacted.

The W-314 Project, which will upgrade Tank Farm waste transfer lines, and the 222-S Laboratory began work in the 219-S Vault. The project will replace piping and valves within the 219-S Vault that are involved in waste transfers out of Tank 102 to the Double Shell Tank Farm, and monitoring devise for the waste transfer line secondary containment. The waste piping was removed in October, and new piping is scheduled to be installed the week of October 27 – November 1. Replacement of the waste piping is scheduled to start. Project W-314 is incentivized for a 12/31/03 completion.

In support of W-314, 222-S transferred waste from the 219-S Tank System to the Double Shell Tank System. The transfer occurred in early September. The transfer emptied Tank 102 and included a 2,000 gallon flush of clean water, thereby minimizing dose and cleaning out the pipes prior to intrusive work.

222-S Laboratory received a shipment of DST Treatability Study Residues from SRTC (shipment #20) on October 20, 2003. The residues as received were not packed as expected. Several of the containers had leaked into the plastic bag encasing the initial container, but none leaked into the hedgehog which is the primary containing for the samples. There were additional discrepancies between the as received condition and the packing instructions which caused operational complications for unpacking or verification of container numbers. SRTC witnessed the unpacking of 13 shipping containers and witnessed the discrepancies. 222-S and SRTC are working through the issues and corrective actions are under development.

222-S Analytical and Environmental organizations completed the review of Operator Aids at the hood to specify waste streams and analytical procedures that may be performed in the hoods. Approximately 62% of these Operator Aids reviewed were removed from use after determining that procedural and administrative controls were in place making the Operator Aids redundant.

In October, 222-S Laboratory shipped 3 drums of hazardous waste offsite for treatment.

A refrigerator in Room #2B of 222-S Laboratory, used for storing organic samples, malfunctioned and froze some of the samples in August 2003. Some sample bottles were broken due to the freezing and the remaining sample they contained was lost. The sample refrigerator in Room 2B has been decontaminated and planning for the disposal of the refrigerator is proceeding.

MONTHLY ANALYTICAL REPORT

222-S Laboratory

October 2003

222-S Laboratory is expanding organic analysis capability of both volatile and semi-volatile organic compounds. Two new GC/MS instruments are being purchased and installed.

222-S Laboratory was unable to validate new equipment for Total Inorganic Carbon/Total Organic Carbon analyses (TIC/TOC). The instrument is not currently performing well for total carbon analyses. This appears to be due to an inability to detect inorganic carbon at the levels typical in Hanford tank wastes. 222-S is exploring options to move the instrument to WSCF, as it performs well in water matrices.

222-S Laboratory continues the process of implementing the new GEA Operating System in the Counting Room. Counting room Chemists have become certified Microsoft Windows System Administrators and calibration of the equipment is 100% complete for GEA.

222-S has posted positions for three chemical technologists and one organic chemist. Three technologists are transferring from PFP and will report to 222-S on Nov. 10. Interviews are underway for the organic chemist.

CORRESPONDENCE DISTRIBUTION COVERSHEET

Author
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373-2821

Addressee
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Correspondence No.

Subject: 222-S PROJECT MANAGERS' MEETING AND MISCELLANEOUS LAB ISSUES
(TSD: TS-2-1), AUGUST 2003

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		L. E. Borneman	T6-16	X
		S. B. Fowler	H6-03	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
		222-S Regulatory File	T6-14	X
		LEB File/LB	T6-14	X
		<u>Fluor Hanford</u>		
		J. L. Westcott	T4-05	X
		<u>U.S. Department of Energy</u>		
		<u>Office of River Protection</u>		
		A. J. Stevens	H6-60	X
		W. Russell	H6-60	X
		<u>Washington State Department of</u>		
		<u>Ecology</u>		
		F. W. Bond	B5-18	X
		T. Z. Gao	B5-18	X
		N. Smith-Jackson	B5-18	X

LEB Borneman 11/25/03