

Meeting Minute Approval Sheet

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

2440 Stevens Center, Room 1600

February 10, 2005

9:30 – 10:15 p.m.

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DOE: *AS* *AJ Stevens* 3-10-05
Andrew Stevens Date

ECOLOGY: *Deborah Singleton* 3-10-05
Deborah Singleton Date

MEETING MINUTES

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

2/10/05

Page 1 of 1

Meeting Attendees:

Andrew Stevens, DOE ORP
Tracy Gao, Ecology
Barbara Hill, CH2M HILL

Deborah Singleton, Ecology
Noe'l Smith-Jackson, Ecology

Introduction:

Mr. Andy Stevens, ORP, called the meeting to order at 9:30 a.m. Ms. Deborah Singleton was introduced as Ecology's new Project Manager for the Waste Management Programs, which includes the 222-S Laboratory. She is replacing Mr. Rick Bond, who will continue as the Ecology Project Manger for Transition Projects.

Approval of Previous Meeting Minutes:

ORP and Ecology approved the January 2005 meeting minutes.

222-S Laboratory TSD Issues:

No issues were discussed.

222-S Laboratory Operations:

Ms. Barb Hill of CH2M HILL presented the Analytical and Operations reports. The reports are attached.

Miscellaneous Issues:

Mr. Andy Stevens provided an update of the Small Business contract for the 222-S Laboratory analytical function which was let to Analytical Technical Laboratories last month. Two protests were filed against contract, one to the Government Accounting Office and one to the Small Business Administration. The protest filed with the Small Business Administration was dismissed; the protest filed with the Government Accounting Office is allowed 100 days for resolution. All transition activities have been placed on hold pending resolution of the protests.

Ms. Deborah Singleton related that Ecology is working on a permit modification of the 200 Area Effluent Treatment Facility to address the concern with chloride concentrations in the 222-S Laboratory 207-SL Basin water. She also related that Ecology is working on a definition of Treatability Study Residue.

Next Meeting:

March, 10 2005

2440 Stevens, room 1600

9:30 – 10:00 a.m.

222-S Project Managers Meeting & Misc. Lab Issues (TSD: TS-2-1)
2/10/05

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

222-S Project Managers Meeting & Misc. Lab Issues
2440 Stevens, Room 1600
February 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 Issues
5. 222-S Laboratory
 - 5.1. Operational Report
6. Misc. Issues
7. Review of New Action Items

MONTHLY ANALYTICAL REPORT
222-S Laboratory
February 2005

- DOE HQ evaluated the 222-S Laboratory to determine if the VPP STAR should be continued. STAR status is awarded to truly outstanding contractor safety and health programs. VPP STARS are considered by OSHA and DOE to be models for their industries. As a minimum, all worksites must be in compliance with all OSHA standards; however Star programs are expected exceed OSHA standards. Acceptance is not a one-time only achievement, triennial reevaluation. All sites are expected to demonstrate continuous improvement during their annual evaluations. The VPP Star status was achieved by 222-S under Fluor Hanford and demonstrates a superior safety culture at the lab. DOE HQ evaluated whether the same excellent safety culture continues at the lab after the transition to CH2M HILL. Continuation recommended with many best practices and strengths noted.
- The 222-S Laboratory Analytical staff have completed the enhanced planning for performing high radiation tank sample receipt and are ready to support AZ and AY tank core samples.
- The annual hotcell sample inventory task is progressing and is expected to continue over the next several months. This task involves verifying contents weight, container integrity, repackaging as necessary, and obtaining justifications from the customers for sample archiving.
- Installation of a thermal desorption unit for the Organic Chemistry Group is complete. The next step is method development for the Process Development Group.
- All analytical groups are in the process of reviewing analytical method control charts. This task is integral to quality control of analytical method performance. Chemists will work with the QA department to manage control limits, and/or analysts to improve the method and training. This task is conducted by the method chemists on at least an annual basis.

MONTHLY OPERATIONS REPORT

222-S Laboratory

February 2005

- The 219-S transfer pump (P4), which transfers waste from Tank 101 to Tank 102, failed with a ruptured diaphragm. A recent 219-S pit entry identified elevated dose rates (>100 mRem/hr). The elevated dose rates are from the contents of Tank 101, which receives waste from the 11A Hot Cells. Due to the elevated dose rates, a different method for performing platform inspections must be employed, additional planning, and dose rate characterization must be developed thereby delaying the repairs by a few weeks. Current trending indicates that Tank 101 has enough volume to allow continued operations through late spring 2005. Repairs are expected to be completed in February.
- The visual inspection of the mechanical joints replace by Project W-314 in the 219-S Tank System that was operationally tested showed no visual signs of leak. One mechanical joint has not been operationally tested because it has not yet been placed in service. This joint will be inspected after it is placed in service.
- The 207-SL Basin continues to experience elevated Chloride and Iron concentrations. The elevated concentrations of these constituents prevents direct discharge of the basin effluent to the 200 Area Treated Effluent Disposal Facility (TEDF), the preferred disposal path, and requires labor intensive truck transfers to the 200 Area Effluent Treatment Facility (ETF). A multi-contractor team comprised of CH2M HILL, Fluor Hanford, and Johnson Controls, Inc., will evaluate facility modifications or changes to operations that would be required to reduce the concentration of these constituents in the 207-SL Basin with the goal of eventual resumption of direct discharges of the 207-SL basin effluent to the 200 Area Treated Effluent Disposal Facility (TEDF).
- 222-S completed repairs on a failed valve and restored Tank RBW-TK-2 to service. This tank is one of three 15-thousand gallon holding tanks used to stage 207-SL effluents. The repairs were critical to the facility's ability to stage the effluents pending transfer to the 200 Area ETF.
- The Unmanifested Waste Report was submitted to Ecology on 1/27/2005. The report described the situation that occurred on January 13, when Savannah River informed 222-S Laboratory that some of the liquid treatability study residues received in November 2004 had exceeded the treatability study exclusion time limits thereby rendering the material into waste. The report is required by WAC 173-303 within 15 days of the event.
- 222-S Laboratory personnel are working with Savannah River National Laboratory to finalize treatability study residue and sample return schedules. Several shipments of treatability study residues are expected over the course of the Spring and Summer.

CORRESPONDENCE DISTRIBUTION COVERSHEET

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Addressee
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CH2M-0501300

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

DISTRIBUTION

Approval	Date	Name	Location	w/att
		Correspondence Control	A3-01	X
		<u>CH2M HILL</u>		
		Administrative Record	H6-08	X
		H. L. Anastos	T6-12	X
		L. E. Borneman	T6-03	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
		K. S. Tollefson	H6-03	X
		222-S Regulatory File	T6-16	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>		
		F. W. Bond	H0-57	X
		T. Z. Gao	H0-57	X
		D. G. Singleton	H0-57	X
		N. Smith-Jackson	H0-57	X

LEB per telecon 04/26/05