

Meeting Minute Approval Sheet

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

2440 Stevens Center, Room 1600

September 14, 2006

9:30 – 10:15 p.m.

RECEIVED
JAN 09 2007
EDMC

DOE: AS Andrew Stevens

12-14-06
Date

ECOLOGY: John Roberts for Deborah Singleton

12-14-06
Date

MEETING MINUTES

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

Meetings held on: 9/14/06

Page 1 of 2

Meeting Attendees:

See attached list of attendees.

Approval of Previous Meeting Minutes:

The meeting minutes from the August 12 meeting were approved.

Action Items:

There are no open Action Items.

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

The discussion continued this month about an alternate schedule for the 222S TPA Project Managers Meeting. Ecology agreed to an every-other month schedule with the understanding that if issues warrant, the monthly meetings would be re-instated. All parties are committed to maintaining good communication with each other.

222-S Laboratory Operations:

Both the Operations Report and Analytical Report were presented and are attached.

Next Meeting:

November 9, 2006

2440 Stevens, room 1600

9:30 – 10:00 a.m.

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

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

222-S Project Managers Meeting & Misc. Lab Issues

2440 Stevens, Room 1600

September 14, 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 STATUS REPORT
222-S Laboratory
OPERATIONS AND TECHNOLOGY DEVELOPMENT
September 2006

- ATS won the Superior Star Award at the National VPPPP Conference for consistently superior level of performance in safety and health, and outreach programs.
- 222S Main Stack Actions. Tests on the 222S main stack, the sampling probe, and sampling equipment have been completed and have shown that no structural modifications to the stack, the probe, or the sampling equipment are required in order to comply with the NESHAP major stack standards. This conclusion has been communicated to the Department of Health and closes out Compliance Order number 2.
- 222S Part B Application. The application underwent CH2M HILL certification on August 30, and is on target for September 29 ORP certification and delivery to Ecology.
- As reported last month, the July transfer of waste from 219S, Tank 102 to SY-101 encountered mechanical failure of the P1 pump after transferring only 800 gallons of waste. The pump was successfully repaired. The transfer was re-initiated in late August, and Tank 102 was emptied. However the siphon mechanism did not operate as anticipated and waste remains in the line. As a result, a test plan is being developed to add approximately 2000 gallons of water to Tank-102 then initiate another transfer in September. The test plan will provide specific criteria for operating the transfer line vent valve to improve the siphoning system performance.
- Johnson Control International (JCI), the DOE-RL contractor providing steam to 222-S, is on schedule to install a condensate catch tank at their 222S package boiler by the end of September. This tank will be used to prevent the discharge of noncompliant steam recirculation water into the 222-S 207-SL Basin. As a result, the volume sent to the 207-SL basin will greatly decrease and transfers to 200 TEDF are expected to be reduced to annually. For the last several winters, the basin water has been trucked daily to the 300 Area TEDF due to high chloride and iron content.
- As was reported last month, trouble shooting of leak detectors LDT-3 & LDT-4 was conducted in early August. LDT-3 failed functional testing and it was subsequently determined that LDT-3 was not correctly manufactured. The detector has been corrected and is functioning properly. The LDT-3 provides leak detection for the ancillary space between the primary and secondary encasement of the waste drain line that services Room 2B, Hood 16, and Room 1J. The drain line was returned to service after the repair.
- Continuing actions for new analytical equipment at 222S Laboratory includes: complete procurement of the ICP/MS for metals analysis, complete the procurement of the Scanning Electron Microscope, and installation of the new polarized light microscope in 222-SA.
- Waste Shipments:
 - Hazardous Waste: 8 drums;
 - LLW shipment of one connex box;
 - mixed low level waste: 13 drums and 1 box;
 - 1 TRU drum (sources) to Central Waste Complex.

MONTHLY ANALYTICAL REPORT

222-S Laboratory

August 2006

- DOE assessed the ATL Quality Assurance and the Employee Concerns Programs in April. No issues were identified during the ECP assessment. As the ORP report has been delayed and ATL has been proceeding with corrective actions for QA issues, it has been suggested that ORP perform a surveillance to assess the current state of ATL procedures. The surveillance will be performed early in FY 07.
- DOE assessed the ATL Price Anderson Amendments Act (PAAA) Program in May. There was one finding pertaining to training of ATL personnel. Corrective action for the finding is complete.
- ATL has implemented a new corrective action management and PAAA tracking system (CAMPATS). This system is available on the Hanford Local Area Network (HLAN) to all trained ATL employees. Depending on their level of access, employees may enter new issues, screen and evaluate new issues, enter keywords, perform action planning (enter new actions on-line and assign actionees), close actions and issues, and generate tailored reports. This system provides more efficient and better organized management of corrective actions, "trend-only" issues, and other issues requiring action tracking.
- A Value Engineering study was conducted on ATL's Organic Analysis Process. The objective of the study was to find process improvements that would improve the Organic team's turnaround time from sample receipt to report issuance. Participants included the entire Organic Team, with some participation by Management and Project Coordinators. The team presented 8 resulting recommendations to management, all of which were approved for implementation. The team began implementation immediately, and an Implementation Plan has been developed to ensure full execution of the recommendations.
- The TJA ICP system was repaired after significant downtime and was given the approval to operate. Instrument Detection Limits were confirmed and the system is now considered fully operational.
- The RadioChemistry and Inorganic Chemistry groups have completed analyses associated with the bi-annual MAPEP study, #16. This is the largest participation radiochemistry performance evaluation program in the nation and mandated for laboratories performing analytical work in support of U.S. Department of Energy Environmental Management (EM) programs. Results are currently in QA review and should be reported within the next week. Unofficial results are not expected to be available until Mid-November.
- Results for performance evaluation samples in WP-135 were received. Inorganic performance was 97% and Organic was 99%. Passing is 80%.
- ATL submitted the FY 2007 ISMS Performance Objectives, Measures, and Commitments (POMC), and ISMS Description annual revision to DOE-ORP for review and approval on August 9, 2006.
- Preparations for the validation of the ATL ISMS program implementation through the DOE Phase I and II review process are underway. The Phase I review team has been

selected and is scheduled to start the week of 9/25/06. The remaining schedule for validation of the ATL ISMS program implementation, as discussed with ORP and identified in the FY 2007 PMOC is as follows:

- Phase I management readiness assessment (Complete)
- Phase I Review (9/25/2006)
- Complete corrective actions from Phase I review (10/31/2006)
- Phase II Management readiness assessment (11/13/2006)
- Phase II Review (12/31/2006)

CORRESPONDENCE DISTRIBUTION COVERSHEET

Author
L. E. Borneman, 373-2821

Addressee
Distribution

Correspondence No.
CH2M-0603204

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

DISTRIBUTION

Approval	Date	Name	Location	w/att
		Correspondence Control	A3-01	X
		CH2M Hill Correspondence Control	H6-08	X
		<u>CH2M HILL Hanford Group, Inc.</u>		
		Administrative Record	H6-08	X
<u>LEB</u>	<u>12/18/06</u>	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		
		<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>		
		J. Roberts	H0-57	X
		D. G. Singleton	H0-57	X
		J. J. Wallace	H0-57	X
		<u>Analytical Technologies and Laboratories International, Inc.</u>		
		H. L. Anastos	T6-10	X
		J. G. Hwang	T6-10	X