

0060490

Meeting Minute Approval Sheet

222-S Project Managers Meeting & Misc. Lab Issues

(TSD: TS-2-1)

Federal Building, Room 340

July 24, 2003

9:15 – 10:00 p.m.

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DOE: *Elizabeth M. Balone for* 8-28-03
Geneva Ellis-Balone Date

ECOLOGY: *Frederick A. Bond* 8-28-03
Rick Bond Date

MEETING MINUTES

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

7/24/03

Page 1 of 2

Meeting Attendees:

Geneva Ellis-Balone, RL
Rick Bond, Ecology
Noel Smith-Jordan, Ecology
Lucinda Borneman, FH

Oscar Holgado, RL
Tracy Gao, Ecology
Jay Warwick, FH

Introduction:

Ms. Geneva Ellis-Balone, RL, called the meeting to order at 9:15 a.m.

Approval of Previous Meeting Minutes:

RL and Ecology approved the June 19, 2003 meeting minutes.

Status of Action Items:

There are no open action items.

222-S Laboratory TSD Issues:

Ms. Lucinda Borneman, FH, advised Ecology of the upcoming construction work in the 219-S Tank System Vault by the W-314 Project. The W-314 Project is a CH2M HILL project that will upgrade the DST piping to RCRA compliant standards. The project will modify the piping in the 219-S Tank System Vault to provide ability to pump waste through two different pipes, divert the 244-S DCRT and pump directly into DST tank SY-102. The initial entry for measuring pipes is expected prior to transition and intrusive work is expected sometime in Fall CY2003. Ms. Borneman also relayed that a shipment of waste from the 219-S Tank System will occur prior to intrusive work on the 219-S Tanks System piping.

222-S Laboratory Operations:

Ms. Lucinda Borneman presented the 222-S Operations report for July, which is attached.

WSCF Laboratory Operations:

Mr. Warwick, FH, presented the WSCF Operations Report for July, which is attached.

Miscellaneous Issues

No miscellaneous issues were discussed.

Next Meeting:

August 28, 2003

Federal Building, room 340

9:15 – 10:00 a.m.

222-S Project Managers Meeting & Misc. Lab Issues (TSD: TS-2-1)
7/24/03

Attachment 1
List of Attendees
Agenda
Action Items
Other Handouts

222-S Project Managers Meeting & Misc. Lab Issues
Federal Building rm. 340
July 19, 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
5. 222-S Laboratory
 - 5.1. Operational Report
6. WSCF Laboratory
 - 6.1. Operational Report
7. Misc. Issues
8. Review of New Action Items

222-S Project Managers Meeting & Misc. Lab Issues (TSD: TS-2-1) — —
7/24/03

Attachment 2
222-S Lab Operations Report
WSCF Operations Report

WSCF Status
July 2003

Operations Report:

Number of days since facility occupancy on October 1, 1993 without a time-loss injury: 3571

WSCF waste management procedures are being reviewed and revised to streamline the procedures and to update them to show current changes in the waste management system at the laboratory. To date the three main administrative procedures have been revised and are awaiting the review process, other worker level procedures are currently being revised and combined to reduce the overall number of procedures.

Completed annual instrument calibrations for 6266 NSL HVAC, 6270 HVAC, deionized water, and 6270 humidity switch.

A loss of electricity at the WSCF Laboratory on 6/17/03 resulted in the shut down of ventilation to the 696-W-2 Minor Stack. This stack ventilates portions of the 6266 Building, including the Nuclear Spectrometer Laboratory (basement) and administration offices of the WSCF lab. The cause of the ventilation shutdown was the failure of the Uninterrupted Power Supply (UPS) batteries. New batteries have been installed and the system is back in service. An identical incident occurred on 6/23/03; both were rolled under one occurrence report, RL-PHMC-WSCF-2003-0001. Radiological surveys determined that no radioactivity was released.

Analytical Report:

A new autosampler is on order for the ICP. This will free the chemist up to be available to perform other work, rather than sitting with the machine while samples are being run.

Several other instruments are being replaced due to age:

Total Organic Carbon,
Total Halides, and
Total Organic Halides

MONTHLY OPERATIONS REPORT
222-S LABORATORY
July 2003

On July 3, 2003, at 9:09 pm 222-S Laboratory experienced an unplanned loss of electrical power to the facility. The loss of electrical power resulted in a subsequent partial shutdown of the ventilation system. The backup diesel exhaust fan started upon loss of power and provided adequate air flow to maintain negative pressure in the laboratory, as designed. Personnel working within the facility immediately evacuated and initiated contact with the on-call points of contact who responded to the facility. Normal ventilation flow was restored at 11:35 pm. The event was categorized as an Off-Normal event. No radiological releases occurred during the outage.

222-S Environmental supported the unplanned 219-S Tank System Exhauster outage by coordinating Department of Health (DOH) notifications with the Occurrence Notification Center (ONC) for the exhauster outage. A courtesy call to Ecology was placed to inform them of the situation. No follow on contacts have been made by either agency.

Ductwork repair on the 222-S Main Stack has been expanded to include repairs to the existing Stainless Steel (SST) ductwork and stiffeners that are required due to crack migration. Repairs are scheduled to commence within the next two weeks.

Flow and particle distribution modeling is underway for the 222-SB filter building and existing 296-S-21 stack. Preliminary modeling indicated areas of inlet turbulence to exhaust Fan EF-2 and interaction with Exhaust Fan EF-1. A partial isolation just recently installed has improved the flow patterns to these two fans. Further modifications are being considered to further improve the inlet conditions. This on-going work support the 222-S Main Stack re-design effort.

Work has started on the 222-S Laboratory sanitary water line replacement and is slightly ahead of schedule. There will be a three day laboratory water outage, commencing August 1, 2003. This outage will be followed with three other minor water outages scheduled in August and September 2003. Water outages will impact the availability of safety showers and eye wash stations, required for many analytical evolutions. No work will be performed in the laboratory rooms during the outage.

222-S transferred 27,400 gallons of non-radiological, non-hazardous waste water from the 207-SA Basin to the 200 Area Treated Effluent Disposal Facility.

222-S shipped 23 mixed waste drums to the Central Waste Complex, and 2 drums of non-radiological PCB waste to the 400 Area Consolidation and Recycle Area.

222-S Analytical and Environmental organizations are evaluating the continued use of Operator Aids at the hood to specify waste streams and analytical procedures that may be performed in the hoods. The Operator Aids were instituted for this purpose during the 1996 Settlement Agreement with Ecology as a mechanism to control waste movement between Satellite Accumulation Areas. Since this time, procedural and administrative controls have been established so that the Operator Aids contain redundant information and are being evaluated for removal.

MONTHLY ANALYTICAL REPORT

222-S Laboratory

July 2003

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

222-S Laboratory is in the process of procuring and installing new equipment for Total Inorganic Carbon/Total Organic Carbon analyses (TIC/TOC). The instrument is installed and method development is continuing.

222-S Laboratory is in 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 progressing.

The semi-annual EML performance evaluation preliminary results were received. The radiochemistry group missed one of thirty-one reported analytes for a 97% score.

The results for inorganic and organic chemistry EPA PE samples were received. The inorganic group received a score of 96%. The organic chemistry group received a score of 96%. This is much better than the industry standard of 92%.

CORRESPONDENCE DISTRIBUTION COVERSHEET

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Addressee
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Correspondence No.
FH-0303827
September 30, 2003

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

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<i>LE Borneman</i>	<i>9/30/03</i>	L. E. Borneman	T6-14	X
		B. J. Dixon	R3-32	X
		J. M. Dupaquier	T6-06	X
		D. B. Hardy	T6-14	X
		D. J. Hart	S3-30	X
		M. Neely	S3-30	X
		C. M. Seidel	T6-14	X
		G. J. Warwick	S3-30	X
		222-S Regulatory File		
		LEB File/LB		
		<u>U.S. Department of Energy</u>		
		<u>Richland Operations Office</u>		
		E. M. Bowers	A2-15	X
		G. Ellis-Balone	A2-15	X
		O. M. Holgado	A2-15	X
		D. J. Williams	H6-60	X
		<u>Washington State Department of Ecology</u>		
		F. W. Bond	B5-18	X
		T. Z. Gao	B5-18	X
		D. G. Singleton	B5-18	X