

222-S Project Managers Meeting & Misc. Lab Issues

(TSD: TS-2-1)

2704HV, Room G-229

May 3, 2001

9:30 - 10:00 a.m.

RECEIVED
SEP 06 2001

EDMC

DOE: NOT PRESENT _____
Jamie Zeisloft Date

ECOLOGY:  _____
Fred Jamison Date 01-05-01.

MEETING MINUTES

222-S Project Manager's Meeting and Miscellaneous Lab Issues (TSD:TS-2-1)
05/03/2001

Meeting Attendees:

Lynn Anderson, FH ASP
Tracy Gao, Ecology
Fred Jamison, Ecology

Jennifer Nuzum, FH WSCF
Jay Warwick, FH WSCF

Introduction:

Fred Jamison called the meeting to order at 9:40 a.m.

Approval of Previous Meeting Minutes:

The minutes from the April 2001 meeting were distributed for approval.

Status of Action Items:

AS-00-009: This action is being revised. Liz Bowers and Steve Wisness will initiate contact on resolution of the change request.

Status: Open

222-S Laboratory Operations:

The 222-S Operations report (attached) was presented by Jay Warwick.

A Chemical Management Assessment Team and the Facility Evaluation Board (FEB) are assessing operations in the 222-S Laboratory. The FEB is an internal Fluor Hanford assessment encompassing all aspects of facility operations. Fred Jamison requested copies of the findings, if they are available for public review. Lucinda Borneman will explore this possibility and get back to Fred.

222-S Laboratory personnel are working with Double Shell Tank personnel on the approvals necessary prior to transferring waste from the 219-S tank system. Tank Farms will give 222-S a window for shipment; which is tentatively currently scheduled for the June time frame. 222-S related that one issue to be resolved prior to shipment is an Office of River Protection concern with the receiving tank system. Fred Jamison asked what would happen if this issue weren't resolved in time for the shipment and indicated that Ecology wants to better understand the issue.

Meeting Minutes

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

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WSCF Laboratory Operations:

The WSCF monthly operations report (attached) was presented by Jennifer Nuzum.

WSCF will be undergoing an outage to upgrade the HVAC controller system. There have been 40 unplanned down time incidents directly caused by the under designed HVAC controller system. The outage will take care of this problem.

The commercial comparability study identified some areas in which the laboratory could gain immediate improvement opportunities, as well as some long-term actions. The results were briefed to senior RL management and selected actions will be implemented.

Review of New Action Items:

No new action items were noted during this meeting.

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5/03/01

Attachment 1
List of Attendees
Action Items

222-S Project Managers Meeting & Misc. Lab Issues

2704HV/rm 229

May 3, 2001

9:30 - 10:00 a.m.

ATTENDEES

Name	Affiliation	MSIN	Phone
Jennifer Nuzum	WSCF Operations	S3-30	373-7185
Lynn Anderson	222-S ASP	T6-12	373-6809
Tracy Gao	Ecology	B5-18	736-5718
FRED JAMISON	Ecology	B5-18	736-3022
Jay Warwick	WSCF/ECO	S3-30	373-7076

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5/03/01

Attachment 2
222-S Lab Operations Report
WSCF Operations Report

WSCF LABORATORY APRIL REPORT

ANALYTICAL

WSCF Workload

The 4/25/01 close-of-business "snapshot" of the WSCF workload is as follows:

Department	Incomplete Sample Analyses		
	Due/Overdue	Not Yet Due	Total
Industrial Hygiene	0	105	105
Inorganic Chemistry	0	34	34
Organic – Condensed	1	66	67
Organic – Vapor	0	53	53
Project Support	0	9	9
Radiochemistry	0	360	360
Total	1	627	628

WSCF Industrial Hygiene Analytical passed the most recent round of environmental lead proficiency testing with a perfect score on twelve samples. The accumulated score for the past year (4 testing rounds) is 100% (48 samples).

WSCF completed the MAPEP and WP-77 PE programs. MAPEP passed 100% of the analytes, WP-77 passed all but 6 analytes.

Due to employee health concerns and OSHA recordable incidents on site caused by the recent dust storm, WSCF Industrial Hygiene Analytical has received numerous air filter samples for the analyses of some of these samples for metals and silica. This is expected to continue due to the lack of vegetation cause by the Hanford fire.

WSCF completed \$180.2 K worth of backlog analytical work during the month of April. The current backlog is at \$176.3K which is the lowest it has been in two years.

OPERATIONS

The Facility Evaluation Board performed an in-field observation April 16-26. The draft report is expected to be issued May 14.

The WSCF 10-day outage is schedule for May 11, 2001 through May 20, 2001. All customers have been notified. Construction forces are mobilized and have begun activities this week. The outage work will upgrade the controller system for the North Laboratory HVAC.

A commercial comparability study was performed at WSCF to look at ways the laboratory could gain efficiencies. The study identified potential improvements as immediate improvement opportunities and long term actions. The results of the WSCF commercial comparability study were briefed to senior RL management.

MONTHLY OPERATION STATUS
222-S LABORATORY
D. J. Hart
April 2001

Environment/Safety & Health

222-S Laboratory Complex RCRA Part B Application: Ecology formally told RL and FH that the public hearing period for Modification F to the Hanford Site RCRA Permit (which includes the 222-S Laboratory Part B) has been placed on hold. Public hearings will be held when the discrepancy between the DST Part B and the 222-S Part B with regard to the acceptance of off-site waste are resolved.

Supported the DOE-RL Chemical Management Program Assessment team on April 16-17, 2001. The team continued the assessment of the complex's chemical management system by checking through all the areas in the 222-S Laboratory, including the laboratory rooms, duct level maintenance areas, and the downstairs areas of the counting room and microscope areas.

The Standards Lab chemists and techs finished the quarterly testing of the shock sensitive and perchlorate-forming chemicals in the lab this week. Cheryl Neff-Sites issued a letter documenting the steps that were conducted during this inspection. A list was attached to the letter, listing those chemicals identified as shock sensitive or forming perchlorates.

Plans are being made to set up the sodium separations for hot testing in room 1B. Additional validation samples were prepared for Inductively Coupled Plasma/Atomic Emission Spectrometer (ICP/AES) analysis and further testing of the separation of sodium from ammonium for ion chromatography analysis was performed. With B.A. Crawford leaving this week, this project has been turned over to S. G. Metcalf. This work is in support of the Supplemental Environmental Project (SEP).

The annual Facility Evaluation Board (FEB) Assessment was initiated today in the filed at 222-S and WSCF Laboratories. In addition to the FEB review additional assessors from RL for software configuration, Chemical Management and Land Disposal Restriction (LDR) are accompanying the FEB. The in brief for the FEB was conducted April 11, 2001. Kristina Lachut is the Analytical Service point of contact.

On April 10, 2001, a new crack and a loose support member on the 296-S-21 stack were found during a daily surveillance. Proper notification was made to the State of Washington Department of Health through the ONC. A work package has been initiated to repair the anomalies.

The 222-S Laboratory Facility Effluent Monitoring Plan (FEMP) Determination update has been published and distributed. The review showed that a FEMP is not required for the laboratory complex. The document is required to be reviewed annually and updated, if necessary, every three years. Extra copies are available from the Environmental Compliance group.

Operations

The final report for Tank 241-AZ-101 MPT 5, 7, 8 and 9 Grabs has been transmitted from the 222-S "Labcore" system to the Tank Characterization Database. This data was successfully loaded, verified and up leveled, Monday, April 16, 2001 at 2:00 p.m., within the seven-day limit established by TPA data access and delivery requirements (Section 9.6.3). The deliverable due date is April 23, 2001, and was completed seven days ahead of schedule.

Met with a team from the Waste Receiving and Processing (WRAP) facility this week to discuss receiving samples originally designed to be delivered in the French Can. 222-S Laboratory is not prepared to accept high-level samples in French Cans due to the lack of ventilation for the enclosures in 11A where the opening device is currently installed. WRAP agreed to use a bagout procedure for the short term, and a

team of scientists and engineers was established to review the WRAP design for the French can and see if there are ways to implement it at 222-S Laboratory for long-term customer support of that project.

Room 4S is now set up to perform solid extractions for polychlorinated biphenyls (PCBs) and Semi-Volatile Organic Analysis (SVOAs). Barring any other unforeseen problems, 222-S Laboratory is now capable of performing sample extractions with a batch size of up to 12 quality control samples. This will enable 222-S Laboratory to support the PCB analysis of Tank archive samples.

Issued analytical grab sample reports for tanks 241-TX-244 and 241-SY-102 this week. Both tanks are being uploaded to Tank Characterization Database this week and the first part of next week. This completes 8 of 12 required grab samples for the CHG performance initiative for FY'01. Additionally, the "K Basin Sand filter Backwash Line Characterization Project Analytical Results for Campaign 24," HNF-6063, was released March 29, 2001.

In the Integrated Technical Review Group (TAG) midyear review for the Tank Focus Area (TFA) program, Hanford Waste Chemistry, D.L. Herting was recognized for his excellent experimental performance and strong collaboration with Mississippi State University in developing the Environmental Simulation Program (ESP) models for tank waste chemistry.

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(TSD: TS-2-1), MAY 2001

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LE Borneman 8/28/01