

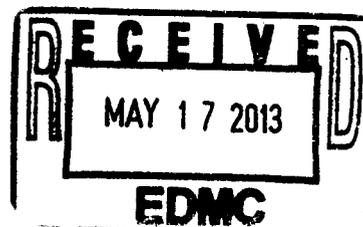
Meeting Minute Approval Sheet

**222-S Project Managers Meeting
And Miscellaneous Laboratory Issues
(TSD: TS-2-1; Operating Unit 8)**

Ecology Offices, 3100 Port of Benton Blvd.

April 17, 2013

9:00 – 10:00 a.m.



DOE: Jeff Cheadle 5/15/13
JCB Jeff Cheadle Date

ECOLOGY: Deborah Singleton 5/15/2013
for Deborah Singleton Date

MEETING MINUTES

222-S Project Manager's Meeting and Miscellaneous Laboratory Issues (TSD: TS-2-1; Operating Unit 8)

Meeting held on: 4/17/2013

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Meeting Attendees:

See attached list of attendees.

Agreements, Commitments, and Action Items:

There are no agreements, commitments, or open Action Items.

Schedules:

Schedules addressing ongoing activities associated with the TSD group will be addressed in the Operations Report.

222-S Laboratory TSD or Miscellaneous Issues:

Ms. Singleton, Ecology, related that Ecology is resolving Public Comments on draft permit. Some commenters are concerned with the way Tank 103 of the 219S Waste Handling Facility is discussed in the permit. Of particular concern is why the Tank can be left in place until closure. DOE and Ecology agree that the permit language for Tank 103 will be put on a "Parking Lot" of issues that will be resolved in the working group.

Ms. Singleton stated that Mr. Lee Fearon, Ecology will have the lead for compliance visits. Mr. Lee Fearon stated that his field visit of 222S on May 15, 2013 will assess container shipments. Mr. Fearon further stated that the April site visit, in which he assessed generator container management at 222S, revealed no concerns.

222-S TSD RCRA Permit Status:

Ms. Singleton stated that Mr. Elis Eberlein will be the lead permit writer for resolving public comments.

222-S Laboratory Operations and Analytical Status:

Analytical and Operational reports are attached to these minutes.

Next Meeting:

May 15, 2013

3100 Port of Benton Blvd.

9:00 – 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 and Analytical Reports

Handouts

Action Items/Parking Lot Items

222-S Project Managers Meeting
And Miscellaneous Laboratory Issues
Washington State Department of Ecology Offices
3100 Port of Benton Blvd., Richland, WA

Agenda

1. Introductions
2. Approval of Previous Meeting Minutes
3. Agreements, Commitments, and Status of Action Items
4. 222-S TSD or Miscellaneous Issues
5. 222-S RCRA TSD Permit Issues
6. 222-S Laboratory
 - 6.1. Operations Report
 - 6.2. Analytical Report
7. Review of New Action Items

222-S Laboratory

Operations Report for April 2013

During this reporting period, 222-S Laboratory Operations completed the following repairs and actions:

1. Completed repairs and installation of a manipulator for the 11A Hotcell manipulator position #2. Return of the manipulator to service provides reliability for sample receipt and processing.
2. Completed waste load outs from 1E-1 Hotcell. This waste load out prepares the 1E-1 Hotcell for receipt and processing of corrosion study coupons.
3. Completed preventative maintenance on the 222-S Air Handling units. This maintenance helps to ensure longevity and reliability to the 222-S HVAC system.
4. Completed preventative maintenance on the 219-S Waste Handling Facility, the 2716-S building, and the 222-S Laboratory Counting Room HVAC systems.
5. Completed intra-tank transfers within the 219-S Waste Handling Facility and sampled Tank 102. This sampling supports the waste transfer from the 219-S tank system to Double Shell Tank 241-SY-101 which is currently scheduled for late summer 2013.
6. Completed replacement of the manipulator for 11A Hot Cell position #10. Replacement of the manipulator returns the 11A3 Hot Cell to full operating capacity to support viscosity and electrochemical corrosion testing.
7. Completed monthly fume hood flows and quarterly hot cell flow tests. This testing verifies proper air balance in the laboratory.

To date during calendar year 2013, 222-S Laboratory has shipped 50 containers of waste. The waste shipments were comprised of the following number of containers:

- Dangerous waste (not radiologically contaminated): 29 containers
- Mixed waste: 6 containers
- Non-regulated waste: 4 containers
- Low-level waste: 6 containers
- Recycle (CCRC): 3 containers



PMM Status Report

April 2013



PBI #2: Evaluations/Proficiency Tests

Month	Study	Reported	Correct	Study %
Feb	IHPAT-192	12	12	100%
Mar	WP-216	176	166	94.3%

YTD Performance: 94.7%



PBI #3 Maintain Holding Times

Samples Received in CY 2013:

- 99.5% of all holding time preps/analyses were met in March (192 of 193) and 100% (7 of 7) so far in April (through 4/9/13) have been met.
- 96.2% calendar year 2013 through 4/9/13.



30-Day Outlook

Expected sample receipt:

- Hg & NH4 Vapor Tubes – WRPS vapor tubes for IH analysis
- AN101 – Caustic Demand
- Gibbsite Solubility (Boehmite Gibbsite) sample receipt continues
- TK-102 samples, scheduled for 4/15/2013
- C109 – ORSS solid closure samples, schedule 4/22/2013
- C107 – ORSS solid closure samples, schedule May, 2013
- FY13 Be IH Sample, schedule not defined
- Vadose Bore Samples, Mid to late April, limited analysis



Analytical Workload

Completed Deliverables: March 2013

On-Time or Early: 13 (100.0%)
Late: 0

Project	Group Number	Deliverable Type	Deliverable Due (Cust. Expectation)	Date Delivered	Days Early	Days Late	Comments
FY13 IH Metals	20130166	3-Week TAT Results	03/05/2013	03/05/2013	0		
SX Tank Farm PW	20130168	Quick-Turnaround Results	03/05/2013	03/05/2013	0		3 working days TAT
FY13 NH3 & Hg Vapor Tubes	20130173	15-Calendar-Day Ammonia Report	03/06/2013	03/06/2013	0		
FY13 NH3 & Hg Vapor Tubes	20130174	15-Calendar-Day Mercury Report	03/06/2013	03/06/2013	0		
SX Tank Farm PW	20130185	Quick-Turnaround Results	03/13/2013	03/13/2013	0		3 working days TAT
AN101-C101 CCC1	20130117	7-Working-Day Format II Report	03/18/2013	03/18/2013	0		For first set of samples received on 3/6/13
C101 NOC	20130206	28-Calendar Day Report	03/25/2013	03/19/2013	6		Samples collected at 50% retrieval
FY13 NH3 & Hg Vapor Tubes	20130242	15-Calendar-Day Ammonia Report	03/19/2013	03/19/2013	0		
FY13 NH3 & Hg Vapor Tubes	20130243	15-Calendar-Day Mercury Report	03/19/2013	03/19/2013	0		
AN101-C101 CCC1	20130117	7-Working-Day Format II Report	03/25/2013	03/20/2013	5		For samples received on 3/12/13 and 3/13/13
FY13 NH3 & Hg Vapor Tubes	20130209	30-Calendar-Day Ammonia Report	03/27/2013	03/25/2013	2		Extended to 30 day TAT for having ≥ 40 samples
FY13 NH3 & Hg Vapor Tubes	20130210	30-Calendar-Day Mercury Report	03/27/2013	03/25/2013	2		Extended to 30 day TAT for having ≥ 40 samples
Gibbsite Dissolution	Various	3-Working-Day Interim Results	04/02/2013	03/28/2013	5		Preliminary OH results for groups 20130336 and 20130342



Analytical Workload

Completed Deliverables: April 2013 (as of 04/09/2013)

On-Time or Early: 6 (100.0%)
Late: 0

Project	Group Number	Deliverable Type	Deliverable Due (Cust. Expectation)	Date Delivered	Days Early	Days Late	Comments
BePAT 31	20130256	QA Submits Results to AIHA	04/01/2013	04/01/2013	0	0	
FY13 NH3 & Hg Vapor Tubes	20130324	15-Calendar-Day Ammonia Report	04/02/2013	04/02/2013	0	0	
FY13 NH3 & Hg Vapor Tubes	20130326	15-Calendar-Day Mercury Report	04/02/2013	04/02/2013	0	0	
FY13 Be	20130303	3-Week TAT Results	04/03/2013	04/03/2013	0	0	
AW106 BLDN 2013	20130122	30-Calendar Day Report	04/05/2013	04/05/2013	0	0	
SY102 CC2	20130169	60-Calendar Day Format VI Report	04/21/2013	04/09/2013	12		



Analytical Workload

In-Progress Deliverables as of April 9, 2013

Project	Group Number	Deliverable Type	Deliverable Due	Days Remaining	Days Already Late	Expected Completion Date	Comments
Due in April 2013							
FY13 NH3 & Hg Vapor Tubes	20130284	30-Calendar-Day Ammonia Report	04/10/2013	1			30-calendar-day TAT for having >= 40 samples.
FY13 NH3 & Hg Vapor Tubes	20130285	30-Calendar-Day Mercury Report	04/10/2013	1			30-calendar-day TAT for having >= 40 samples.
FY13 NH3 & Hg Vapor Tubes	20130359	15-Calendar-Day Ammonia Report	04/10/2013	1			
FY13 NH3 & Hg Vapor Tubes	20130360	15-Calendar-Day Mercury Report	04/10/2013	1			
FY13 NH3 & Hg Vapor Tubes	20130374	15-Calendar-Day Ammonia Report	04/16/2013	7			
FY13 NH3 & Hg Vapor Tubes	20130375	15-Calendar-Day Mercury Report	04/16/2013	7			
Room 1K Hood 2	20121688	Final Report	04/18/2013	9			Originally 45-Calendar Day TAT with one week extension
FY13 NH3 & Hg Vapor Tubes	20130395	15-Calendar-Day Ammonia Report	04/24/2013	15			
FY13 NH3 & Hg Vapor Tubes	20130396	15-Calendar-Day Mercury Report	04/24/2013	15			
Due in May 2013							
MAPEP 28	Various	QA Submits Results to MAPEP	05/01/2013	22			
IHPAT PE#163	20130358	QA Submits Results to AIHA	05/01/2013	22			
SX Tank Farm PW	20130167	Preliminary Report	05/06/2013	27			WPM Capture - 60 calendar days - included in report for 20130168
SX Tank Farm PW	20130168	Preliminary Report	05/06/2013	27			60 calendar day TAT - Includes results for 20130167 and 20130185
SX Tank Farm PW	20130185	Preliminary Report	05/06/2013	27			WPM Capture - 60 calendar days - included in report for 20130168
C104 CLO	20130115	Format IV Report	05/09/2013	30			
AN101-C101 CCC1	20130117	60-Calendar Day Format VI Report	05/12/2013	33			
MIRAD 18	20130356	QA Submits Results to ERA	05/17/2013	38			
Due in July 2013							
SX Tank Farm PW	20130168	Final Format VI Report	07/05/2013	87			120 calendar days - Includes results for 20130167 and 20130185

Action Items and Parking Lot Items

<u>ACTION</u>		
#	Action	Due Date
	No action items to date.	

<u>PARKING LOT</u>		
#	Action	Resolution
PL1	Revise permit text regarding Tank 103 to better describe why Tank 103 is being left in place until Closure.	To be resolved during Permit Working Group meetings