

Washington River Protection Solutions

To: Heather Childers, LMSI, H6-08
From: Lucinda E. Borneman, Base Ops Environmental Compliance, WRPS
CC:
Date: 6/18/2014
Re: Submittal of Meeting Minutes of February 19, 2014 into the AR for TSD
numbered TS-2-1

LE Borneman

Comments: Please submit the attached meeting minutes for the 222-S TPA Project Manager's Meeting held on February 19, 2014 into the Administrative Record. The meeting minutes need to be filed under TSD TS-2-1 for the 222-S TSD. Please email me a link back to the minutes at Lucinda_E_Borneman@rl.gov.

If you have any questions, please call me at 373-2821 (office) or 531-9884 (cell).

Meeting held on February 19, 2014

MEETING MINUTES

Page 1 of 2

Meeting Attendees:

See Attachment 1 for the list of attendees.

Agreements, Commitments, and Action Items

Minutes of the 12/18/2013 meeting were approved.

Attachment 1 to these meeting minutes contains the list of Action Items and Parking Lot Items.

Two actions were statused and continued. One new action item was established at this meeting. They are:

- **Action Item #2:** WRPS to provide a brief synopsis of the condition of Tank 103. Synopsis will include statement about the condition the tank was left, knowledge of the contents/heal, DOE/Ecology communication, and agreements. Extended to date: 4/16/2014 (or the next PMM)
- **Action Item #3:** WRPS to provide a brief synopsis of the status of the piping staged in the T-8 tunnel alcove. Synopsis will include that statement about the flushing of the pipes, DOE/Ecology communication and agreements. Extended to date: 4/16/2014 (or the next PMM)
- **Action Item #4 (new):** Provide Ecology with a copy of the 222-S Laboratory Dangerous Waste Training Plan. Due date: 3/14/2014

222-S TSD or Miscellaneous Issues:

WRPS provided Ecology with an update to the DNFSB Field Report of 1/10/2014 in which a spill at 222-S Laboratory was reported. The spill was an approximately 60 - 85 ml salt solution. The spill occurred as a result of a malfunctioning stirrer/hot plate. The spill occurred in a non-radiological room and did not contain radiological material. The spill material was tank simulant which is a sodium hydroxide solution. Ecology was satisfied with the update.

222-S RCRA TSD Permit Issues:

- Ecology updated the Hanford Permit progress for Revision 9 to the Hanford Site Dangerous Waste Permit. No schedule has been established to start Permit Workshops with DOE or the contractors.
- Ecology requested a copy of the 222-S Laboratory Dangerous Waste Permit, which will be tracked as Action Item 4.

Meeting held on February 19, 2014

MEETING MINUTES

Page 2 of 2

222-S Laboratory Operations and Analytical Status:

Analytical and Operational reports are attached to these minutes.

Next Meeting:

April 16, 2014

3100 Port of Benton Blvd.

9-10 am

Attachments – 1

Meeting held on February 19, 2014

Attachment 1

1. Agenda
2. List of Attendees
3. 222-S Lab Operations and Analytical Reports
4. Action Items/Parking Lot Items

Meeting held on February 19, 2014

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

February 19, 2014

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
 - a. Operations Report
 - b. Analytical Report
7. Review of New Action Items

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

Washington State Department of Ecology Offices
 3100 Port of Benton Blvd., Richland, WA

February 19, 2014
 9:00 - 10:00 a.m.

ATTENDEES

Name	Affiliation	Phone
DE SWENSON	WRPS	373-9279
ELIS EBERLEIN	ECY	372-7906
Dan Hansen	ATL	373-2129
JAMES LYNCH	DOE-ORP	376-4170
LEE FEARON	ECY	372-7933
Keith Greenough	WRPS	373-9541
Jeff Cheadle	ORP	376-0755
Lucinda Burneman	WRPS	373-2821
Nancy Ware	ECY	372-7912
Edward Holbrook	ECY	372-7909
Deborah Singleton	ECY	372-7923

Name	Present?
<i>WRPS</i>	
Lucinda Borneman	
Tony Miskho	
Keith Greenough	
Glen Triner	
Jeff Voogd	
Duane Renberger	
Carl Howald, IV	
Jeff Luke	
<i>ORP</i>	
Jeff Cheadle	
Lori Huffman	
James Lynch	
<i>ATL</i>	
Dan Hansen	
Joe Hwang	
<i>ECOLOGY</i>	
Deborah Singleton	
Elis Eberlein	
Lee Fearon	
<i>OTHERS</i>	

Meeting held on February 19, 2014

WRPS Operations/Analytical Report
December 19, 2013 – February 14, 2014

Activities of Note	Date
Completed bimonthly check of 219S Cathodic Protection system as required by WAC 173-303-640(6)(c)(ii).	12/13/13
Completed airflow testing of the 219-S tank system stacks. The 296-S-16 stack provides ventilation for the 219S tank system head space and 296-S-23 provides ventilation of the sample gallery hood. The flow tests are required to meet Hanford Site Air Operating Permit requirements for the emission of radionuclides to the environment.	1/10/14
Completed fume hood pass-through and hood sash modifications in laboratory Rooms 4-C and 4-H. These modifications allow for greater flexibility of hood space, allowing space for new analytical equipment and relocation of existing analytical equipment in anticipation of upgrades to Laboratory Room 4-S.	1/10/14
Completed transfer of 219-S Tank 102 contents to 241-SY-101. The transfer provides necessary space in 219-S tanks to store wastes generated in the laboratory from analytical methods.	1/27/14
Completed installation of the new TIC/TOC instrumentation. Provides replacement for older instrumentation.	1/29/14
Completed replacement of 11A Hotcell position 1 manipulator. This cell is used to support receipt and processing of tank farm samples.	2/12/14

Waste Shipments:

Waste Type	Containers Shipped from 222S (12/18/13 – 2/18/14)	Receiving Facility
LLW	24 Drums	Perma-Fix Northwest
MW	16 Drums 1 Drum and 1 Box	Perma-Fix Northwest Diversified Scientific Services Inc.
DW	19 Drums	PSC
Recycle	0	Hanford Site Centralized Consolidation/Recycling Center (CCRC)

LLW: Low-level radioactive waste

MW: Mixed Waste (Radioactive Dangerous Waste)

DW: Dangerous Waste (non-radioactive Dangerous Waste)

Meeting held on February 19, 2014

ATL PMM Analytical Report For February 2014 (page 1 of 2)

Report On Time Deliverables: For those samples delivered in calendar year 2013, the on-time report deliverables metric as of 2/6/14 is 99.6% (234 reports on time or early out of 235). For Calendar year 2014 the on-time report deliverables metric is 100% (11 in January were on time or early, and 3 in Feb., as of 2/6/14).

QA Evaluations/Proficiency Tests: 2013

Month	Study	Reported	Correct	Study %
Feb	IHPAT-192	12	12	100%
Mar	WP-216	176	166	94.3%
Apr	BePAT-31	4	4	100.0%
May	MAPEP-28	50	49	98.0%
May	IHPAT-193	12	12	100%
May	MRAD-18	49	47	95.9%
June	WP-219	43	43	100.0%
June	Soil-82	165	165	100.0%
Aug	IHPAT-194	12	11	91.7%
Aug	BePAT-32	4	3	75.0%
Sep	WP-222	175	174	99.4%
Nov	IHPAT-195	12	12	100.0%
Nov	MAPEP-29	48	43	89.6%
Dec	MRAD-19	41	40	97.6%
Dec	Soil-84	164	164	100.0%
Dec	BePAT-33	4	3	75.0%

YTD Performance: **97.6%**

Meeting held on February 19, 2014

ATL PMM Analytical Report For February 2014 (page 2 of 2)

No QA Evaluations/Proficiency Test results were received in January, 2014.

Holding Time Performance:

- 99.2% for samples received in calendar year 2013 through 2/6/13 (1677/1691).
- 100% for samples received in calendar year 2014 (42/42 in January, 6/6 in February) through 2/6/14.

Projects in Progress:

- Hg & NH₃ Vapor Tubes – WRPS vapor tubes for IH analysis
- TX Farm 2013 Vadose
- WRPS Be IH
- PFP Be
- SX Porewater
- C112 Hard Heel Dissolution

Expected Sample Receipt:

- Hg & NH₄ Vapor Tubes – WRPS IH analysis
- IH Be Sample WRPS – Continues
- Vadose TX Farm – sampling resumes
- AZ-102 Evaporator – Schedule for February/March
- AY102 LDP8 – Schedule for February/March
- AN106 Corrosion Grab – Scheduled for February/March

Meeting held on February 19, 2014

Action Items and Parking Lot Items

<u>ACTION ITEMS</u>			
#	Action	Due Date	Status
4	WRPS to provide Ecology the 222-S Laboratory Dangerous Waste Training Plan	3/15/2014	OPEN (New action)
3	WRPS to provide a brief synopsis of the status of the piping staged in the T-8 tunnel alcove. Synopsis will include that statement about the flushing of the pipes, DOE/Ecology communication and agreements.	4/16/2014	OPEN (Continued action)
2	WRPS to provide a brief synopsis of the condition of Tank 103. Synopsis will include statement about the condition the tank was left, knowledge of the contents/heal, DOE/Ecology communication, and agreements.	4/16/2014	OPEN (Continued action)
1	Ecology to provide comments or accept the Unmanifested Waste Report submitted by ORP on 10/8/2013 (via letter 13-ECD-0080)	11/15/2013	CLOSED (see Ecology letter 13-NWP-116)

<u>PARKING LOT ITEMS</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