

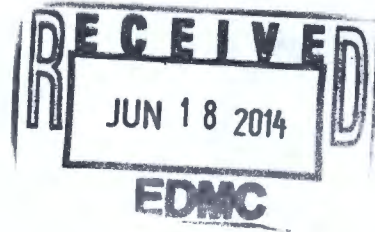
Meeting Minute Approval Sheet

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

Ecology Offices, 3100 Port of Benton Blvd.

December 18, 2013

9:00 am – 10:00 am

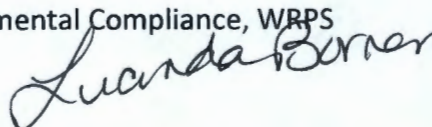


DOE: JEB      Jeff Chedale      2/19/14  
~~Lori Huffman~~      Jeff Chedale      Date

ECOLOGY: Deborah Singleton      2/19/14  
Deborah Singleton      Date

# memo

## **Washington River Protection Solutions**

To: Heather Childers, LMSI, H6-08  
From: Lucinda E. Borneman, Base Ops Environmental Compliance, WRPS  
CC:   
Date: 6/16/2014  
Re: Submittal of 12/18/2013 Meeting Minutes into the AR for TSD numbered TS-2-1

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Comments: Please submit the attached meeting minutes for the 222-S Project Manager's Meeting held on December 18, 2013 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](mailto:Lucinda_E_Borneman@rl.gov).

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

Meeting held on December 18, 2013

## MEETING MINUTES

Page 1 of 1

### Meeting Attendees:

See Attachment 1 for the list of attendees.

### Agreements, Commitments, and Action Items

Minutes of the 10/16/2013 meeting were approved. See Attachment 1 to these meeting minutes for the list of Action Items and Parking Lot Items.

One action was closed and two new actions items were established during this meeting. They are:

- **Action Item #1:** CLOSED by the receipt of the Ecology letter 13-NWP-116.
- **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. Due date: 2/19/2014 (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. Due date: 2/19/2014 (or the next PMM)

### 222-S TSD or Miscellaneous Issues:

During discussions held between DOE and Ecology regarding Ecology letter 13-NWP-116 which closed Action Item #1, Ecology clarified that the approach identified in the Unmanifested Waste Report (submitted by DOE in letter 13-ECD-0080) for managing the waste as low level radioactive waste is acceptable to the agency.

### 222-S RCRA TSD Permit Issues:

- Ecology related that no schedule has been established to start Permit Workshops with DOE or the contractors.
- Ecology related that in order to prepare their staff for the Permit Workshops, they would like to better understand the condition of Tank 103 and the piping staged in the T8 Tunnel alcove. Action Items 2 and 3 were established to track these items.

### 222-S Laboratory Operations and Analytical Status:

Analytical and Operational reports are attached to these minutes.

### Next Meeting:

February 19, 2013

3100 Port of Benton Blvd.

9-10 am

Attachments – 1

Meeting held on December 18, 2013

## 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 December 18, 2013

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

December 18, 2013

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



Meeting held on December 18, 2013

WRPS Operations/Analytical Report  
October 17 – December 18, 2013

<b>Activities of Note</b>	<b>Date</b>
Completed inspection of 222-S safety showers and eye wash stations. Ensures equipment meets ANSI requirements.	10/23/13
Replaced compressed gas manifold for analytical instruments in lab rooms 4-TUV and 4-M. Provides automated gas cylinder switch for uninterrupted service to the analytical instruments.	10/24/13
Completed preventative maintenance on the HS-00082 and HS-00083 (TSD container storage buildings) HVAC systems. Provides proper temperatures for storage of mixed waste and dangerous waste containers.	10/31/13
Completed inspection and maintenance of 222-S primary exhaust fans.	11/11/13
Completed installation of a new Thermal Desorption Unit (TDU) for a gas chromatograph mass spectrometer (GC/MS) located in room 4-TUV. The TDU provides auto sampling capability for vapor samples taken by WRPS Industrial Hygiene.	11/14/13
Completed installation of an automated gas cylinder switching station for Lab room 4-C. This provides uninterrupted gas supply for Total Organic Carbon and other instrumentation in the lab.	11/15/13
ORP received the Ecology approval of the unmanifested waste report of discrepant material received at the 222S Laboratory from Savannah River (letter 13-NWP-116)	11/19/13
Installed compressed air line to Room 4L Hood #4, supporting relocation of Carbon-14 analytical method.	11/27/13
Vent and balance completed 1E-1 and 1-F hotcell air flows and HEPA filter testing. Meets operational requirement testing for hotcell operations.	12/3/13
Completed analytical instrument re-locations in Lab Rooms 4-C, 4-H and 4-L. This supports installation of new TIC/TOC instrument and future room upgrade of room 4-S.	12/13/13

**Waste Shipments:**

<b>Waste Type</b>	<b>Containers Shipped from 222S (10/17/13 – 12/18/13)</b>	<b>Receiving Facility</b>
LLW	16 Drums 1 Sea-Land	Perma-Fix NW
MW	0	
DW	17 Drums	PSC
Recycle	4 Drums 2 Boxes	Hanford Site Centralized Consolidation/Recycling Center (CCRC)

Meeting held on December 18, 2013

**ATL PMM Analytical Report For December 2013 (page 1 of 2)**

**Report On Time Deliverables:** For those samples delivered in calendar year 2013, the deliverables metric as of 12/4/13 is 99.5% (28 of 29 deliverables in November were on-time or early; all 4 deliverables so far in December have been on-time or early).

**QA Evaluations/Proficiency Tests:**

Month	Study	Reported	Correct	Study %
Feb	IHPAT-192	12	12	100%
Mar	WP-216	176	166	94.3%
Apr	BePAT-31	4	4	100%
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%
June	Soil-82	165	165	100%
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%
Nov	MAPEP-29	48	43	89.6%

YTD Performance: **97.2%****Holding Time Performance in CY 2013:**

- 100% of all holding time preps/analyses were met in November (120 of 120); all (31 of 31) so far in December have been met (through 12/4/13).
- 99.1% calendar year 2013 through 12/4/13.



Meeting held on December 18, 2013

## **ATL PMM Analytical Report For December 2013 (page 2 of 2)**

### **Projects in Progress:**

- Hg & NH<sub>3</sub> Vapor Tubes – WRPS vapor tubes for IH analysis
- TX Farm 2013 Vadose
- Gibbsite Dissolution
- WRPS Be IH
- AZ102A-LDP1
- WSCF Diversion FY14
- C110 CLO
- SX Porewater
- C112 Hard Heel Dissolution

### **Expected Sample Receipt:**

- Hg & NH<sub>4</sub> Vapor Tubes – WRPS IH analysis
- IH Be Sample WRPS – Continues?
- Vadose SX Pore Water – Sample weekly for 3 months?
- C112 Hard Heel Dissolution – In progress
- AZ-102 LDP1 – Schedule for December
- AY102 LDP8 – Schedule for January
- AN106 Corrosion Grab – Scheduled for January

Meeting held on December 18, 2013

## Action Items and Parking Lot Items

<b><i>ACTION ITEMS</i></b>			
#	Action	Due Date	Status
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.	2/19/2014	<b>OPEN</b>
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.	2/19/2014	<b>OPEN</b>
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	<b>CLOSED</b> (see Ecology letter 13-NWP-116)

<b><i>PARKING LOT ITEMS</i></b>		
#	Action	Resolution
<b>PL1</b>	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