

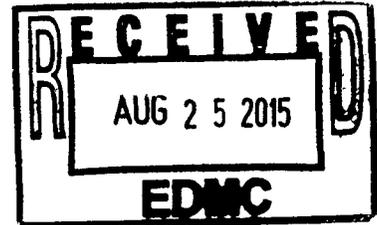
Meeting Minute Approval Sheet

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

Ecology Offices, 3100 Port of Benton Blvd.

June 17, 2015

9:00 am – 10:00 am



DOE: *Lori Huffman*
for

Lori Huffman

8/19/2015

Date

ECOLOGY: *Deborah Singleton*

Deborah Singleton

8/19/2015

Date

Meeting held on June 17, 2015

MEETING MINUTES

Page 1 of 2

Meeting Attendees:

See Attachment 1 for the list of attendees.

Agreements, Commitments, and Action Items:

DOE provided signed and approved minutes from the 5/13/15 meeting. See Attachment 1 to the 5/13/15 meeting minutes for the list of Action Items and Parking Lot Items.

No actions were closed and four actions were confirmed to be remaining open during this meeting. The status of each action was reviewed as follows:

- **Action Item #1:** 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/heel, DOE/Ecology communications, and agreements. Due date: 6/17/2015 (or the next PMM)
 - **Status:** WRPS discussed that research efforts have been focused on Action Item #2, however, discussion has occurred between WRPS and Ecology that will help determine the direction the research on Tank 103 will take.
- **Action Item #2:** WRPS to provide a brief synopsis of the status of the piping staged in the T-8 tunnel alcove. Synopsis will include information about the flushing of the pipes, DOE/Ecology communication and agreements. Due date: 6/17/2015 (or the next PMM)
 - **Status:** WRPS discussed that research efforts have been focused on determining whether the piping can meet clean debris standards. A construction specification was discovered showing which sections of pipe were to be flushed. Further work will be done to determine the specific flush technique used and cross reference the construction specification with piping inventory.
- **Action Item #3:** WRPS to provide a written statement on actions that will be taken to repair laboratory ventilation ductwork and prevent future leaks of condensate. Due date: 6/17/2015 (or the next PMM)
 - **Status:** Ecology requested that the written statement reflect 1) actions already taken, 2) schedule for remaining actions, and 3) schedule for inspecting the containment below the damage portion ductwork for the presence of any continued leakage.
- **Action Item #4:** WRPS to provide the most recent 207-SL sample analysis results to Ecology. Due date: 6/17/2015
 - **Status:** WRPS will provide the results by the next meeting.

Meeting held on June 17, 2015

222-S TSD or Miscellaneous Issues:

WRPS provided briefings on the following miscellaneous issues:

- WRPS provided a briefing on the 222-SE (EF-4) engine replacement. The engine has been ordered from the manufacturer and a Notice of Construction application has been submitted to Ecology.
- WRPS stated that, as previously discussed at the May 13, 2015 PMM, a notification was provided to the Ecology Water Quality Permit Coordinator regarding the inadvertent discharge of wastewater to a storm drain on the 222-S complex.
- Ecology stated they would like to make more frequent technical assistance visits to the laboratory and would schedule a time to visit in the near future.

222-S RCRA TSD Permit Issues:

- Ecology related that there have been no further developments since the last PMM (May 13, 2015).

222-S Laboratory Operations and Analytical Status:

Analytical and Operational reports are attached to these minutes.

Additional discussion:

- Ecology inquired about the status and schedule for implementation of the new 222-S analytical contract. ORP confirmed that WAI had won the bid, but that there was a protest and no schedule could be set until after the protest had been settled.

Next Meeting:

August 19, 2015

3100 Port of Benton Blvd.

9-10 am

Attachments - 1

Meeting held on June 17, 2015

Attachment 1

1. Agenda
2. Attendance Roster
3. 222-S Lab Operations and Analytical Reports
4. Action Items/Parking Lot Items

Meeting held on June 17, 2015

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

June 17, 2015

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 June 17, 2015

WRPS Operations/Analytical Report
May 19 – June 17, 2015

Activities of Note	
Operational Activities	Date
Performed exhaust fan inspection and preventative maintenance on EF#2	5/14/2015
Initiated demolition of the 222-SA Laboratory. 222-SA is being replaced to better support customer needs.	5/19/2015
Initiated startup activities for the 222-S HVAC chiller system.	5/21/2015
Completed receipt of an off-unit waste drum containing soil from tank farms. The drum is stored in the Dangerous and Mixed Waste Storage Area TSD pending shipment offsite for treatment.	5/26/2015
Completed installation of a new GC/MS instrument in lab 4-TUV, supporting vapor sample analysis.	5/26/2015
Completed calibration of the 219-S tank level pressure transmitters.	6/1/2015
Completed shipment of 28 roll off containers of 222-SA demolition waste to ERDF.	6/2/2015
Performed stack air flow and HEPA filter testing for the 296-S-16 (219-S vault) and 296-S-23 (219-S sample gallery hood)	6/3/2015
Completed replacement of electrical disconnect switch for the HS-00065 waste storage facility HVAC unit.	6/15/2015
Completed demolition of the 222-SA Laboratory.	6/15/2015

222-S Laboratory Upgrades	
Room 1GB Upgrade Project: Demolition is complete. New seismic ceiling bracing has been installed, the walls have been painted and new flooring installed. Installation of hoods and casework has begun. The refurbishment of room 1G-B is scheduled for completion by this fiscal year.	Status as of 6/15/2015
Room 4C Upgrade Project: Design is complete. Bids are due from potential construction subcontractors June 17. Demolition has been delayed to start next fiscal year.	Status as of 6/15/2015
222-SA: Demolition is complete. Final grading and clean-up of the site is scheduled to be completed this week.	Status as of 6/15/2015

Meeting held on June 17, 2015

Analytical Equipment

FY2014 Carryover:

- Inductively Coupled Plasma/Optical Emissions Spectrometer (ICP-OES): Equipment ordered, Room 1L hood in fabrication, installation expected during FY2015.
- Gas Chromatography/Mass Spectrometry (GC/MS): Installation is complete, instrument operational.
- Automated Solvent Extractor (ASE): Due to the need to install a larger hood, instrument installation is now planned for early FY2016.

New instruments for FY2015:

- Gas Chromatography/Mass Spectrometry (GC/MS): Equipment received at 222S. Installation is expected in FY2015.
- Thermal Desorption Units (TDU): Equipment received at 222-S, installation is expected before the end of FY2015.
- Gamma Energy Analysis Detector (GEA). Installation is complete and instrument is operational.

Waste Shipments		
Waste Type	Containers Shipped from 222S (2/6/15 – 5/11/15)	Receiving Facility
LLW	42	Environmental Restoration Disposal Facility at Hanford (ERDF)
DW	8	PSC Environmental Services
Recycle	6	Toxco

LLW: Low-level radioactive waste

DW: Dangerous Waste (non-radioactive Dangerous Waste)

Meeting held on June 17, 2015

ATL PMM Analytical Report For June 2015

Report On Time Deliverables: In May, 100% of deliverables were reported on time (16/16 on time or early). The deliverables metric for calendar year 2015 is 98.4% as of 6/8/15.

QA Evaluations/Proficiency Tests: 2014/15

Month	Study	Reported	Correct	Study %
June	Soil-86	170	167	98.2%
Aug	BePAT-35	4	3	75.0%
Aug	IHPAT-198	12	12	100%
Sep	WP-234	103	102	99.0%
Nov	IHPAT-199	12	12	100%
Nov	MAPEP-31	38	38	100%
Nov	MRAD-21	38	37	97.4%
Dec	SOIL-88	154	151	98.1%
Dec	BePAT-36	4	4	100%
Feb	IHPAT-200	12	12	100%
March	WP-240	177	148	83.6%
April	WP-242 VOA	48	47	97.9%
May	WP-QR-VOA	45	45	100%
May	IHPAT-201	12	9	75.0%
May	MRAD-022	41	40	97.6%

2015 YTD Performance: **89.9%**

Meeting held on June 17, 2015

Holding Time Performance:

- In April, 86.8% of holding times were met (151 were met; 23 were missed).
- In May 90.0% of holding times were met (226 were met, 25 were missed)
- The holding times metric for calendar year 2015 is 93.7% as of 6/8/15.

Projects in Progress:

- Hg & NH₃ Vapor Tubes – WRPS vapor tubes for IH analysis
- SY102 Core 2014-09
- C101 CLO 2015-04
- AX Farm 2015 (Vadose)
- PFP E-4 Ductwork Liquid 2015
- 242 A Evaporator Slurry 2015-05
- AP101 Grab 2015-05
- AY101 EVAP 2015-06

Expected Sample Receipt:

- IH Hg & NH₃ WRPS Vapor Tubes – continues
- AP103 (EC-03) Evaporator – Scheduled for week of June 15th 2015
- SY103 Core– Tentative for week of June 23rd 2015
- C105 Solids– Tentative for early July 2015
- A Farm –Vadose – Tentative for late June 2015
- AY102 LDP Pending addition water in pit or pH raise
- PFP 291-Z Plenum – Tentative for June 2015
- PFP WM-242-Z Waste Samples- Tentative for June 2015
- K East Bores Holes – Tentative for early July 2015

Meeting held on June 17, 2015

**222S TSD TPA PMM
Action Items and Parking Lot Items**

<i>ACTION ITEMS</i>			
#	Action	Due Date	Status
4	WRPS to provide the most recent 207-SL sample analysis results to Ecology.	8/19/15	OPEN
3	WRPS to provide a written statement on actions that will be taken to repair laboratory ventilation ductwork and prevent future leaks of condensate.	8/19/15	OPEN
2	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.	8/19/15	OPEN
1	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.	8/19/15	OPEN

<i>PARKING LOT ITEMS</i>		
#	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