

MEETING MINUTES

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Meeting Attendees:

See Attachment 1 for the list of attendees.

Agreements, Commitments, and Action Items:

[Meeting minutes from the 6/17/15 meeting were signed after this meeting and added to the administrative record.] See Attachment 1 to the 11/18/15 meeting minutes for the list of Action Items and Parking Lot Items.

No actions were closed and three 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.
 - **Status:** WRPS will continue research on Tank 103 history and provide a synopsis.
- **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.
 - **Status:** WRPS provided a draft synopsis to Ecology for review with a final version to be provided at the next PMM. Ecology will review and consider how the information will be used.
- **Action Item #4:** WRPS to provide the most recent 207-SL sample analysis results to Ecology.
 - **Status:** WRPS provided sample results to DOE during a previous PMM. DOE will review and provide to Ecology. Action will be closed after Ecology receipt.

222-S TSD or Miscellaneous Issues:

The following miscellaneous issues were discussed:

- WRPS provided a briefing on the 222-SE (EF-4) engine replacement. The old engine has been removed the new engine is being installed. Initial startup is expected during December 2015.

Attachment 1

1. Agenda
2. Attendance Roster
3. 222-S Lab Operations and Analytical Reports
4. 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

August 19, 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

June 17 – August 18, 2015

Activities of Note	
Operational Activities	Date
Completed air flow testing for 296-S-21 stack. This ventilation system supplies exhaust for the 222-S fume hoods and hotcells.	8/18/2015
Completed 222-SC HEPA filter testing. This building provides first and second stage filtration for all 222-S hotcells.	8/25/2015
Performed calibrations of the 296-S-16 stack air sampling system components. This stack provides ventilation for the 219-S tank system.	8/25/15
Performed calibrations of the 296-S-21 stack air sampling system components. This is the main stack for 222-S and provides ventilation for fume hoods and hotcells.	8/26/15
Performed calibrations of the 219-S tank level monitoring instrumentation.	8/31/2015
Received Accreditation from the American Industrial Hygiene Association for specified laboratory analysis.	8/31/2015
Completed installation of EF-1 transfer switch. This provides the exhaust fan to be powered either by generator or normal power supply, supporting EF-4 engine replacement.	9/3/2015
Completed deactivation of the diesel engine for exhaust fan EF-4.	9/8/2015
Completed transfer and sampling of 219-S waste.	9/21/2015
Hosted Ecology dangerous waste compliance inspection	9/22/2015
Completed removal of EF-4 diesel engine for replacement.	10/20/2015
Completed repairs to the 222-SD jib crane. This crane supports waste shipping and packaging activities.	10/21/2015
Performed cleaning and inspection of electrical distribution panels association with Hazardous materials storage building HS00065.	10/29/2015
Completed Initial placement and alignment for EF-4 replacement diesel engine.	11/9/2015
Performed air flow testing for 291-S-16 stack. This is an air operating permit requirement for the 219-S tank ventilation system.	11/11/2015

FY2016 222-S Laboratory Upgrades	
EF-4 Diesel Engine Installation: Engine expected to be installed and operational in December 2015.	Status as of 11/17/2015
219-S Waste Handling Facility Superstructure Design: Design services being procured.	
MO-O37 Demolition: Demolition and removal planned for FY16.	
New Non-Rad Standards Laboratory: Design planned for FY16.	

Analytical Equipment

FY2014 Carryover:

- Inductively Coupled Plasma/Optical Emissions Spectrometer (ICP-OES): Equipment ordered, Room 1L hood in fabrication (re-work).
- Automated Solvent Extractor (ASE): Due to the need to install a larger hood, instrument installation is now planned for early FY2016.

FY2015:

- Gas Chromatography/Mass Spectrometry (GC/MS): Installation complete.
- Thermal Desorption Units (TDU): Installation complete.

New Instruments Being Procured for FY2016:

- Cold Vapor Atomic Absorption Spectrometer (WAI Inorganic IH work)
- (2) Multipotentiostats (WRPS Corrosion testing)
- Gas Chromatograph/Mass Spectrometer (WRPS Organic IH work)
- Liquid Scintillation Counter (WAI Radiochemistry)

Waste Shipments		
Waste Type	Containers Shipped from 222S (8/18/15 – 11/17/15)	Receiving Facility
LLW	50 1	PFNW ERDF
DW	34	PSC Environmental Services
MW	1 22 1	PFNW DSSI M&EC
Recycle	8 1	CCRC Toxco

LLW: Low-level radioactive waste

DW: Dangerous Waste (non-radioactive Dangerous Waste)

MW: Mixed waste

ATL PMM Analytical Report – November 2015

Report On Time Deliverables:

In August, 96.3% of deliverables were reported on time (26 deliverables were on time or early; 1 was late). In September, 86.2% of deliverables were reported on time (25 deliverables were on time or early; 4 were late). In October, 100% of deliverables were reported on time (19 deliverables were on time or early).

The deliverables metric for calendar year 2015 is 95.9% as of 11/2/15

QA Evaluations/Proficiency Tests: 2015

Report Date	Study	Reported	Correct	Study %
2/17/2015	IHPAT-200	12	12	100.00%
3/2/2015	WP240	177	148	83.62%
4/27/2015	WP242	48	47	97.92%
5/7/2015	WP_QR032415D	45	45	100.00%
5/15/2015	IHPAT-201	12	9	75.00%
5/19/2015	MRAD22	41	40	97.56%
6/1/2015	WP243	48	48	100.00%
6/8/2015	SOIL90	176	175	99.43%
6/11/2015	MAPEP-32	49	48	97.96%
6/11/2015	WP_QR042715A	46	46	100.00%
6/15/2015	WP_QR052615A	46	46	100.00%
6/29/2015	WP244	43	43	100.00%
8/14/2015	BePAT-38	4	4	100.00%
8/17/2015	IHPAT-202	12	12	100.00%
8/31/2015	WP246	107	105	98.13%
2015 Total:		866	828	95.61%
Report Total:		866	828	95.61%

Holding Time Performance:

In August, 98.0% of holding times were met (195 were met; 4 were missed). In September, 100.0% of holding times were met (294 out of 294). In October, 100.0% of holding times were met (71 out of 71).

The holding times metric for calendar year 2015 is 96.5% as of 11/2/15

Projects in Progress:

- Hg & NH₃ Vapor Tubes – WRPS vapor tubes for IH analysis
- SY103 Core 2015-07
- AN106 Grab 2015-11
- TK102 POST 2015-09
- C104 CRIT Study

Expected Sample Receipt:

- III Hg & NH₃ WRPS Vapor Tubes – continues
- C102 CLOSURE – November 2015
- SY101 Chemistry Control Grab Samples December
- PFP – PRF Critically Pans (possible MBA Transfer)

222S TSD TPA PMM
Action Items and Parking Lot Items

<u>ACTION ITEMS</u>			
#	Action	Due Date	Status
3	WRPS to provide the most recent 207-SL sample analysis results to Ecology.	10/21/15	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.	10/21/15	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/heel, DOE/Ecology communication, and agreements.	10/21/15	OPEN

<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