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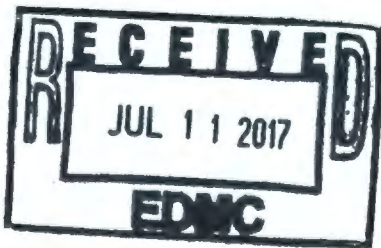
Meeting Minute Approval Sheet

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

Ecology Offices, 3100 Port of Benton Blvd.

April 19, 2017

9:00 am – 10:00 am



DOE: Jeff Cheadle 6/29/2017  
Jeff Cheadle Date

ECOLOGY: Kelly Elsethagen 6/14/17  
Kelly Elsethagen Date

## MEETING MINUTES

Page 1 of 2

### Meeting Attendees:

See Attachment 1 for the list of attendees.

### Agreements, Commitments, and Action Items:

See Attachment 1 to the 3/1/17 meeting minutes for the list of Action Items and Parking Lot Items.

One action was added to the Action Items list as follows:

- **New Action Item #1:** WRPS schedule a meeting to discuss remaining topics on the Part A.

### 222-S TSD or Miscellaneous Issues:

- WRPS stated a letter was about to be sent by ORP which would provide information requested by Ecology (a hazardous waste manifest) as follow up to the September 14, 2016 dangerous waste compliance inspection.
- Ecology expressed interest in a Project/Permit related tour of 222-S.

### 222-S RCRA TSD Permit Issues:

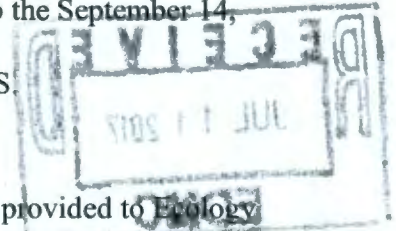
- WRPS stated that responses to outstanding Part A issues had been provided to Ecology and a follow up meeting was needed. Ecology said they would review the information and respond. WRPS took an action to set up the meeting.

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

Operational and analytical reports are attached to these minutes.

- WRPS provided an update on work to replace the P-1 and P-2 pumps in the 219-S waste handling facility. Water was used to decontaminate the cell and drained into a secondary containment sump. The water was removed from the sump and a water based fixative was sprayed to fix radiological contamination. After these activities, secondary containment sump mid and low point alarms annunciated. There was no indication liquid was in the sump as it had just been seen to be clear of liquid and tank levels remained steady. The leak detector was taken out of service and increased surveillances were implemented as an alternate leak detection method. WRPS said space for analytical waste in 219-S is forecast to be available through the end of Fiscal Year 2017.
- WHL reviewed the quarterly report for the previous reporting period. This report was also reviewed during the April 1, 2017 PMM and is attached to those minutes.

### Next Meeting:



June 14, 2017

9-10 am, location TBD

Attachments - 1

## Attachment 1

1. Agenda
2. Attendance Roster
3. 222-S Lab Operations Report
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**

**April 19, 2017**

**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 April 19, 2017

### Attendance Roster

Name	Affiliation	Contact
Eric Van Mason	WRPS	373-7438
Susan Kon	WHL	724-840-3412
James T. Hamilton	WRPS	373-1511
John Doughty	WRPS	376 6950
Joe Sondag	ORP	373-9179
Jacob Johnson	WRPS	373-3847
Keith Greenough	WRPS	373-9541
Elis Eberlein	Ecology	372-7906
Kelly Elsethagen	Ecology	372-7923
Robin Varlten	Ecology	521-2742
Jeff Chasle	DOE ORP	376-0755

WRPS Operations/Analytical Report  
March 1, 2017 – April 18, 2017

<b>Activities of Note</b>	
<b>Operational Activities</b>	<b>Date</b>
Completed level indicator calibrations on 219-S tanks.	03/13/17
Completed 296-S-16 stack flow testing.	03/22/17
Completed inspection and testing of sump pumps and alarms.	03/23/17
Completed Stack 296-S-23 non destructive analysis (NDA) on HEPA filter.	03/29/17
Completed preparation for the decontamination of 219-S.	04/03/17
Performed cell washing and fixative application in 219-S B cell.	04/04-10/17

<b>FY2017 222-S Laboratory Upgrades</b>	
<b>New Non-Rad Standards Laboratory:</b> Design was finalized in October FY16.	Status as of 4/18/2017
<b>Secondary transformer replacement:</b> 3 transformers to be replaced	
<b>Room 1J upgrade design:</b> Design FY17, Construction FY18	
<b>HVAC upgrade design:</b> Design in FY17, Construction FY18	

<b>Analytical Equipment</b>
<u>FY2016 Carryover:</u>
<ul style="list-style-type: none"> <li>• (2) Multipotentiostats (WRPS Corrosion testing): Both units are installed.</li> </ul>
<u>FY2017:</u>
<ul style="list-style-type: none"> <li>• <u>Gas Chromatograph/Mass Spectrometer:</u> Procured, delivered, and installation is planned for FY17.</li> <li>• <u>Thermal Desorption Unit:</u> Procured, delivered, and installation planned for FY17.</li> <li>• <u>Total Inorganic Carbon/Total Organic Carbon analyzer:</u> Procured, awaiting delivery, and installation planned for FY17.</li> <li>• <u>Cold Vapor Atomic Absorption Spectrometer:</u> Procured, awaiting delivery, and installation planned for FY17.</li> <li>• <u>Ion Chromatograph:</u> Procured, awaiting delivery, and installation planned for FY17.</li> </ul>



<b>Waste Shipments</b>		
<b>Waste Type</b>	<b>Containers Shipped from 2225 (3/1/17 - 4/18/17)</b>	<b>Receiving Facility</b>
LLW	9 (including 2 Sealand containers)	PFNW
DW	17	Stericycle
MW	8	PFNW

LLW: Low-level radioactive waste

DW: Dangerous Waste (non-radioactive Dangerous Waste)

MW: Mixed waste



**222S TSD TPA PMM**  
**Action Items and Parking Lot Items**  
**3/1/17 STATUS**

<b><u>ACTION ITEMS</u></b>			
<b>#</b>	<b>Action</b>	<b>Due Date</b>	<b>Status</b>
<b>1</b>	WRPS to schedule a CAP meeting to discuss remaining topics on the Part A.	Before next PMM	Discussion paper provided to Ecology/ Meeting requested

<b><u>PARKING LOT ITEMS</u></b>		
<b>#</b>	<b>Action</b>	<b>Resolution</b>
<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
<b>PL2</b>	WRPS to evaluate Tank 103 analytical data and propose a path forward for the tank and potential waste residue.	To be resolved during Permit Working Group meetings
<b>PL3</b>	Ecology to review the synopsis of the status of piping staged in the T-8 tunnel alcove and determine a permitting path forward.	To be resolved during Permit Working Group meetings