

Meeting Minute Approval Sheet

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

Via Microsoft Teams

July 8<sup>th</sup>, 2020

8:00 a.m. – 9:00 a.m.

DOE: \_\_\_\_\_

Richard Valle

Date

ECOLOGY: \_\_\_\_\_

Kelly Elsethagen

Date

# 222-S PMM MEETING MINUTES

## July 8<sup>th</sup>, 2020

### Meeting Attendees:

- Due to telework the attendance roster was not provided to the attendees.
- The following attendees were present for this meeting:
  - Kelly Elsethagen – Ecology
  - Richard Valle – ORP
  - Jeff Cheadle – ORP
  - Joe Sondag – ORP
  - Tony Scott – WHL
  - Melanie Myers – WRPS
  - Ken Chapin – WRPS
  - Keith Greenough – WRPS
  - Maria Lopez – WRPS
  - Jay Warwick – WRPS

### Agreements, Commitments, and Action Items:

- Meeting minutes from May will be entered into AR upon signatures.
- No actions items from previous meeting.

### 222-S TSD or Miscellaneous Issues:

- SY 101 transfer was rescheduled to August due to prerequisites not being met.

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

- Operational and analytical reports are attached to these minutes.
- Keith Greenough informed the group the Hanford site remains in Phase 1 of Mission Essential posture and more staff is present in the laboratory.
- Continuation of routine maintenance activities throughout the facility as indicated in the report. Monthly checks on the agitators and alarms.
- Installation of Plexiglass to certain areas due to COVID-19
- Inspection of the stack sample indicated everything is functioning properly.
- Fire Alarm upgrade work is being conducted during the night shift.
- 60% of the design for the office complex is complete.
- Waste Services, Melanie Meyers provided information regarding the waste shipments.
- 16 shipments were sent to DSSI and one to Permafix with mixed low level waste.
- 219-S only receives mixed waste and any Non Rad waste will be labpacked.
- Waste transfers to 219-S tanks are either pre-designated and approved or entered into SWITS for designation and disposition.
- Lastly, Tony Scott from WHL provided input regarding also focusing on mission critical operations.

- AIHA Accreditation was granted again and is valid until April 1, 2022.
- Proficiency Tests metrics (98.6%) did not change for April and May.
- Projects in Progress and 30-Day Forecast had minor changes, AN-101 corrosion and Be- results by ICP/MS were removed from projects in progress, and AX-102 Grab Sample was removed from the 30-Day Forecast.

Next Meeting:

- September 9th, 2020 via Teams due to social distancing requirements

## 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

July 8<sup>th</sup>, 2020

Agenda

1. Introductions
2. Approval of Previous Meeting Minutes:
  - Need review of May's meeting minutes. Upon return will submit into AR.
3. Agreements, Commitments, and Status of Action Items
  - None
4. 222-S TSD or Miscellaneous Issues
5. 222-S Laboratory - Attached
  - Operations Report
  - Analytical Report
6. Review of New Action Items

<b><i>Activities of Note</i></b>	
<b>Operational Activities</b>	<b>Date</b>
Completed 219-S tank headspace differential pressure gauge calibration.	5/18/2020
Fire Systems Maintenance completed riser testing and inspections.	5/19/2020
Performed facility modifications for Coronavirus social distancing.	5/19/2020
Fire Systems Maintenance completed FRAR panel maintenance.	6/11/2020
Completed 296-S-21 Stack sample probe and sample line inspection.	6/16/2020
Completed monthly run of 219-S tank agitators.	7/1/2020
Completed monthly test of 219-S liquid alarms.	7/6/2020
Fire System Maintenance completed annual hydrant testing.	7/6/2020

<b><i>FY2020 222-S Laboratory Upgrades</i></b>	
<b>222-S Fire Alarm System upgrade:</b> Construction continues on the fire alarm system upgrade. Testing of the new system is scheduled for September.	Status as of 7/8/2020
<b>Lab Complex Office building upgrade:</b> Design is scheduled to be complete by September. Site prep design is complete. Building design is 60 % complete.	

<b><i>FY 2020 Analytical Equipment</i></b>
<ul style="list-style-type: none"> <li>• Confocal Microscope (Complete)</li> <li>• GC/MS with Thermal Desorption Unit (Complete)</li> <li>• Gamma Energy Analyzer. Scheduled for September 2020.</li> <li>• Gas Pycnometer. Scheduled for August 2020.</li> <li>• GC/MS for Semi-Volatile Organic Analysis. Instrument complete, additional autosampler scheduled for September 2020.</li> <li>• GC-ECD for Pesticide/PCB Analysis (Complete)</li> <li>• X-ray Microtomograph. Scheduled for September 2020.</li> </ul>

<b>Waste Shipments</b>		
<i>Waste Type</i>	<i>Containers Shipped from 222S</i>	<i>Receiving Facility</i>
LLW	2 - Sealand containers LLW	PFNW
DW	NA	
MW	6 – 55 gallon drums MW	PFNW
MW	16- 55 gallon drums MW	DSSI-TN
TRU	NA	
Recycle	4 – Universal lamps	CCRC

LLW: Low-level radioactive waste

DW: Dangerous Waste (non-radioactive Dangerous Waste)

MW: Mixed Waste

TRU: Transuranic Waste

Working on packaging hazardous waste, shipping 6 containers in July to Clean Harbors. Additional shipments for July scheduled for 3 MW and 9 LLW containers to PFNW and a Recycle shipment.

Wastren Advantage, Inc. Hanford Laboratory (WHL)  
222-S Analytical Contractor Quarterly Report – May 31, 2020

**Events of Interest**

WHL received official notice of AIHA re-accreditation; scope and certificate are valid until April 1, 2022.

**Contract Performance Metrics**

**Delivery**

Deliverable metric for FY 2020 is 97.3%

Monthly Completed Deliverable Packages													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	TOTAL
FY 2020	34	31	54	36	32	33	2	1					223

**QA Evaluations/Proficiency Tests:**

Analytical Performance Evaluation for FY 2020 is 97.1%.

PROFICIENCY TESTING- STUDY SUMMARY: May FY 2020				
Report Date	Study	Reported	Correct	Study%
Oct- 2019		49	49	100.0
Nov- 2019		88	84	95.5
Dec- 2019		79	75	94.9
Jan- 2020		3	2	66.7
Feb- 2020		12	12	100.0
Mar- 2020		115	114	99.1
Apr- 2020		0	0	N/A
May- 2020		0	0	Na

<b>FY 2020- TOTAL to DATE</b>	<b>346</b>	<b>336</b>	<b>97.1</b>
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**Holding Time Performance:**

The holding times metric for FY 2020 is currently at 98.6%.

<b>PEMP Holding Time Metric for FY 2020</b>				
<b>Status as of 06/02/2020</b>				
Month Performed	Total	Met	Missed	% Met
October	252	245	7	97.2%
November	242	234	8	96.7%
December	478	466	12	97.5%
<b>1st Quarter</b>	<b>972</b>	<b>945</b>	<b>27</b>	<b>97.2%</b>
January	553	549	4	99.3%
February	369	369	0	100.0%
March	296	296	0	100.0%
<b>2nd Quarter</b>	<b>1218</b>	<b>1214</b>	<b>4</b>	<b>99.7%</b>
April	4	4	0	100.0%
May	0	0	0	n/a
<b>3rd Quarter</b>	<b>4</b>	<b>4</b>	<b>0</b>	<b>100.0%</b>
<b>FY 2020</b>	<b>2194</b>	<b>2163</b>	<b>31</b>	<b>98.6%</b>

**Projects in Progress**

- AN-107 CORE
- A-104 Grab
- AN-101 Grab
- AZ-101 Grab
- AP-102 Grab
- AN-102 Grab
- AP-106 Grab
- A-AX Focus
- 2018 AW105 SPC
- LERF Plastic Debris
- FY19 Hg Vapor Tubes
- FY19 NH3 Vapor Tubes

**30-Day Forecast**

- AP-106 Grab Sample
- AN-101 Grab Sample
- A-AX Focus Area 2
- A-104 Grab
- AP-102 Grab Sample
- FY19 Hg Vapor Tubes
- FY19 NH3 Vapor Tubes