Meeting Minute Approval Sheet

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

Via Microsoft Teams
March 10, 2021
8:00 a.m. – 9:00 a.m.

DOE: RICHARD VALLE Digitally signed by RICHARD VALLE Date: 2021.04.13 08:06:26 -07'00' _____

Richard Valle Date

ECOLOGY: Elsethagen, Kelly (ECY) Digitally signed by Elsethagen, Kelly (ECY) Date: 2021.04.14 07:45:53 -07'00' _____

Kelly Elsethagen Date

222-S PMM MEETING MINUTES
March 10th, 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
    - Jackson Davis - Ecology
    - Richard Valle – ORP
    - Jeff Cheadle – ORP
    - Lucinda Borneman – HLMI
    - Gae Neath – ORP
    - Garret Knutson - HLMI
    - Melanie Myers – WRPS
    - Keith Greenough – WRPS
    - Maria Lopez – WRPS
    - Jay Warwick – WRPS
    - Holly Bowers – WRPS

Agreements, Commitments, and Action Items:

- January's meeting minutes are submitted in the AR.
- No actions from last meeting.
- Introduced new HLMI contractor staff that will take over April 15, 2021.

222-S Laboratory Operations and Analytical Status:

- Operational and analytical reports are attached to these minutes.
- Keith Greenough informed the group of the completed operational activities occurring at the Lab along with 219-S tank operations.
- HLMI walk downs continue for transition.
- The DMWSA HVAC maintenance took place to ensure proper cooling and heating.
- Biweekly transfer of SAA waste from the lab to the 219-S tanks via the 2-B sinks and hotcells continues.
- The Lab Complex office building will remain with WRPS until completion. Work is still in progress for site prep.
- The PAX speaker system testing was completed for the quarter.
- Melanie Myers presented for Waste Services. This quarter was busy with packaging and shipping. Currently working on three large shipments to offsite facilities.
- Kelly Elsethagen asked if any containers had been held for over a year. Melanie responded by stating that there were three containers, two with Mercury previously believed to be under the DOE Mercury Moratorium were reevaluated and do not fall

under that moratorium. These drums were combined into one. Another is an absorbed gasoline drum from Tank Farms that could not previously be received at a TSD. These drums will ship before April 15 to DSSI.

- WHL was not present at the meeting. Jeff Cheadle suggested information regarding WHL that is needed, he would be able to obtain.

Next Meeting:

HLMI will send out invite as the new contractors to the lab.

Action Items for Next Meeting:

- WHL to provide updates since they were not present.

Attachment 1

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

222-S Project Managers Meeting
And Miscellaneous Laboratory Issues
Via TEAMs

March 10th, 2021

Agenda

1. Introductions
    - HLMI introductions
2. Approval of Previous Meeting Minutes:
    - January 2021 Meetings Minutes in the AR.
3. Agreements, Commitments, and Status of Action Items
    - None
4. 222-S Laboratory - Attached
    - Operations Report
    - Analytical Report
5. Review of New Action Items

Activities of Note	
Operational Activities	**Date**
Completed transfer of lab waste to 219-S through 2-B sink.	1/13/2021
Performed monthly testing of 219-S leak detection alarms.	1/26/2021
Initiated facility walk downs with HLMI staff for contract transition.	1/26/2021
Performed maintenance on DMWSA HVAC units.	2/3/2021
Completed transfer of lab waste to 219-S through 2-B sink.	2/9/2021
Completed flushing of 219-S Waste transfer lines and cell traps.	2/9/2021
Completed testing of the PAX speaker system.	2/10/2021
Installed new shielding cave for GEA detector.	2/11/2021
Completed transfer of lab waste to 219-S through 2-B sink.	2/24/2021
Performed monthly testing of 219-S leak detection alarms	2/24/2021
Limited water inspection for 1A and 1E-2 hot cells completed by Hanford Fire.	2/25/2021
Wet and Dry riser testing and inspection completed by Hanford Fire Maintenance.	2/25/2021
Completed 296-S-23 HEPA filter and stack flow testing.	3/8/2021

FY2020 222-S Laboratory Upgrades	
222-S Fire Alarm System upgrade: Construction completed in December 2020. Readiness Assessment completed in January 2021.	Status as of 3/10/2021
Lab Complex Office building upgrade: Site prep for office building started in February 2021.	

FY 2020 Analytical Equipment
• Gamma Energy Analyzer. Scheduled for Phase 3 resumption of work. • Gas Pycnometer. Scheduled for Phase 3 resumption of work. • X-ray Microtomograph. Scheduled for Phase 3 resumption of work.

Waste Shipments			
Waste Type	***Containers Shipped from 222S***	***Receiving Facility***	***Timeframe***
LLW	12	PFNW	February
DW	22	CLEAN HARBOR/DEER TRAIL	January, February
MW	1	PFNW	Feb
TRU	0	NA	NA
Recycle	21	CCRC	January, February

LLW: Low-level radioactive waste
DW: Dangerous Waste (non-radioactive Dangerous Waste)
MW: Mixed Waste
TRU: Transuranic Waste

Wastren Advantage, Inc. Hanford Laboratory (WHL)

222-S Analytical Contractor Quarterly Report – January 31, 2021

Events of Interest

WHL continues to operate a second shift to support Tank Farm operations (Tuesday – Friday / 2PM-1230AM) and is looking to expand in the next four weeks.

WHL continues to maintain all analytical operations and support COVID hazard controls.

Contract Performance Metrics

Delivery

Deliverable metric for FY 2021 is 95.3%

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	1	4	11	16	279
FY 2021	36	32	39	42									149

QA Evaluations/Proficiency Tests:

Analytical Performance Evaluation for FY 2021 is 98.6%.

Table 1

PROFICIENCY TESTING- STUDY SUMMARY				
Report Date	**Study**	**Reported**	**Correct**	**Study%**
Oct- 2020		220	217	98.6
Nov- 2020		53	53	100.0
Dec- 2020		4	4	100.0
01/01/2021	11182OV- QuickTurn	9	8	88.9
Total January FY 2021		9	8	88.9
2021- TOTAL to DATE		**286**	**282**	**98.6**

Holding Time Performance:

The holding times metric for FY 2021 is 99.5%.

PEMP Holding Time Metric for FY 2021 Status as of 02/09/2021				
Month Performed	Total	Met	Missed	% Met
October	361	357	4	98.9%
November	269	268	1	99.6%
December	323	323	0	100.0%
1st Quarter	**953**	**948**	**5**	**99.5%**
January	240	239	1	99.6%
2nd Quarter	**240**	**239**	**1**	**99.6%**
FY 2021	**1193**	**1187**	**6**	**99.5%**

Projects in Progress

AN-106 Core 2020
AX-102 Grab 2020-09
Vadose Samples, Phase II
A-104 Grab (SVOAs)
AZ-301 Liquid Grab 2019-07B
Ongoing IH Hg/NH3 Samples
AN-106 Liquid Sampling of Supernatant (February)
AP-106 Grab 2020-01 B
AP-102 Grab 2020-02 B
AN-107 Core 2019-10
AZ-101 Grab 2019-05B
AY-102 Grab 2019-07B
AP-107 DFLAW Pre-Qual Grab 2020-002
AY101 Core 2019-08B
AN-102 Grab 2019-07B

Note: *B Reports are organics only

30-Day Forecast

AP-101 Pre-Qualification Grab
C-301 Catch Tank
AZ-301 Catch Tank Liquid Grab
AN-101 Core Sampling
AX-104 Grab Sampling
Vadose samples – Tank Farm
TK-102 sampling to support transfer of waste to DST system
Ongoing IH Hg/NH3 Vapor Tubes
LERF Basin Filter 44