Meeting Minute Approval Sheet

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

Via Microsoft Teams
May 13th, 2020
8:00 a.m. – 9:00 a.m.

DOE: RICHARD VALLE Digitally signed by RICHARD VALLE Date: 2020.07.08 11:44:34 -07'00'

Richard Valle Date

ECOLOGY: Digitally signed by Elsethagen, Kelly (ECY) Date: 2020.07.16 13:34:14 -07'00'

Kelly Elsethagen Date

222-S PMM MEETING MINUTES
May 13th, 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 – OPR
    - Tony Scott – WHL
    - Melanie Myers – WRPS
    - Ken Chapin – WRPS
    - Keith Greenough – WRPS
    - Maria Lopez – WRPS
    - Eric Van Mason – WRPS
    - Robin Varljen - WRPS

Agreements, Commitments, and Action Items:

- Meeting minutes from March will be entered into AR when we return from telework, due to COVID-19. Minutes have been signed by Ecology and ORP.
- Both of March's action items were completed in March via email.

222-S TSD or Miscellaneous Issues:

- SY 101 transfer was rescheduled to July due to mission critical operations at the Hanford Site.

222-S Laboratory Operations and Analytical Status:

- Operational and analytical reports are attached to these minutes.
- Keith Greenough informed the group that due to mission essential activities taking place, there are approximately 25 staff members daily average present at the lab.
- Fire System upgrade activities have stopped due to the Mission Essential posture on site.
- The installation of the two new air compressors completed in March provide support to 219-S and other critical plant systems.
- Waste Services, Melanie Meyers provided information regarding the waste shipments.
- Shipments were sent to PermaFix and ERDF.
- Waste Services is working on sending shipment of 16 mixed waste drums to Tennessee along with continuing shipments of mixed waste to PermaFix next week.
- Lastly, WHL provided input regarding also focusing on mission critical operations.

- Over 33,000 analyses have been performed as of March. To get a basis of previous analyses compared to now, Fiscal Year 2016-2018 an average of 16,000 analyses were performed. Fiscal Year 2019 over 32,000 analyses were performed. This year will exceed previous year's average analyses performed.
- WHL has been able to work down the significant back log of projects.
- AX-102 sampling will be first to take place, once WRPS returns to normal operation.
- WHL is currently assisting in receiving IH samples and maintaining Count Room instrumentation that is needed if a Site emergency is to arise.

Next Meeting:

- July 8th, 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
Via Microsoft Teams

May 13th, 2020
8:00 – 9:00 a.m.

Agenda

1. Introductions-
    a. Maria will confirm who is on the call and confirm approval of meeting minutes and agreement. After this, we will begin with Keith, then Melanie, and lastly, WHL. We will review new items actions if any.

2. Approval of Previous Meeting Minutes
    a. March's meeting minutes have been signed. Due to telework, they have not been entered into AR. Will enter in AR along with attaching roster to the meeting minutes once WRPS is clear to go back to office.

3. Agreements, Commitments, and Status of Action Items: all completed.
    a. Tony Scott provided results from PT studies on 3/4/20 in an email.
    b. IQRPE was submitted to Ecology on 3/31/20.

4. 222-S TSD or Miscellaneous Issues:

5. 222-S Laboratory
    a. Operations Report
    b. Analytical Report

6. Review of New Action Items

Activities of Note	
Operational Activities	**Date**
Initiated upgrade of the 222-S Fire detection system	3/2/2020
Completed 296-S-16 stack (219-S tank ventilation) flow testing.	3/9/2020
Completed 296-S-23 stack flow and HEPA filter test (219-S Sample Gallery).	3/9/2020
Completed 219-S tank chart recorder inspection and flash card replacement.	3/9/2020
Completed Installation of 2 new air compressors to support facility equipment.	3/10/2020
Completed Cleaning and Inspection of 2B Hood 16 waste strainer.	3/18/2020
Completed Monthly and Annual maintenance on EF-4 diesel engine.	3/31/2020
Completed calibration of 296-S-16 stack HEPA filter DP gauge.	4/1/2020
Completed calibration of 219-S tank level pressure transmitters.	4/15/2020
Completed 4-year maintenance interval on EF-4 diesel engine.	4/15/2020
Completed 296-S-21 stack (222-S) flow testing.	4/22/2020
Completed 222-SB and 222-SE HEPA filter testing.	4/22/2020
Completed calibration of 296-S-21 stack sampling equipment.	4/27/2020
Completed calibration of 296-S-16 stack sampling equipment.	4/29/2020
Fire System Maintenance completed riser testing.	4/29/2020
Fire System Maintenance completed limited water canister inspection and testing.	4/29/2020
Performed facility modifications for Coronavirus social distancing	5/7/2020
Complete electrical outage for cleaning in inspection of the North Electrical bus.	5/11/2020

FY2020 222-S Laboratory Upgrades	
222-S Fire Alarm System upgrade: Construction has been initiated but currently paused due to Coronavirus. Testing of the new system is scheduled for completion in August.	Status as of 5/13/2020
Lab Complex Office building upgrade: Design is scheduled to be complete by September. Site prep design is in final approval. Building design is 30 % complete.	

FY 2020 Analytical Equipment
• Confocal Microscope (Complete) • GC/MS with Thermal Desorption Unit (Complete) • Gamma Energy Analyzer. Scheduled for September 2020. • Gas Pycnometer. Scheduled for June 2020. • GC/MS for Semi-Volatile Organic Analysis. Instrument complete, additional autosampler scheduled for May 2020. • GC-ECD for Pesticide/PCB Analysis (Complete) • X-ray Microtomograph. Scheduled for July 2020.

Waste Shipments		
Waste Type	***Containers Shipped from 222S***	***Receiving Facility***
LLW	11-55 Gal drums, 2 Sealand containers	PFNW
DW		
MW		PFNW
MW	1 – GP Roll On/Roll Off can	ERDF
TRU		
Recycle		

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 – March 31, 2020

Events of Interest

WHL completed an unprecedented number of analyses in FY20; over 33,000 analyses were completed as of March 2020. On March 19, 2020, WHL shutdown 222-S analytical operations to support the Site's essential mission critical operations posture resulting from the Covid-19 pandemic.

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	33	36							155

QA Evaluations/Proficiency Tests:

Analytical Performance Evaluation for FY 2020 is 97.1%.

PROFICIENCY TESTING- STUDY SUMMARY: March 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
02/15/20	IHP AT 220	12	12	100.0
03/11/20	ERA 020620B	1	1	100.0
03/12/20	ERA 012920C/E	3	3	100.0

03/13/20	ERA WP-301	111	110	99.1
Total March FY 2020		**115**	**114**	**99.1**
FY 2020- TOTAL to DATE		**346**	**336**	**97.1**

Holding Time Performance:

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

PEMP Holding Time Metric for FY 2020
Status as of 04/07/2020

Month Performed	Total	Met	Missed	% Met
October	252	245	7	97.2%
November	242	234	8	96.7%
December	456	444	12	97.4%
1st Quarter	**950**	**923**	**27**	**97.2%**
January	553	549	4	99.3%
February	369	369	0	100.0%
March	296	296	0	100.0%
2nd Quarter	**1218**	**1214**	**4**	**99.7%**
FY 2020	**2168**	**2137**	**31**	**98.6%**

Projects in Progress

- AN-107 CORE
- A-104 Grab
- AN-101 Grab
- AZ-101 Grab
- AP-102 Grab
- Be results by ICP-MS
- AP-106 Grab
- A-AX Focus
- AN-101 Corrosion
- 2018 AW105 SPC
- FY19 Hg Vapor Tubes
- FY19 NH3 Vapor Tubes

30-Day Forecast

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