

## MEETING NOTES

**Annual Meeting Between the U.S. Department of Energy, Office of River Protection (ORP) and the State of Washington, Department of Ecology (Ecology) to Discuss Interim Measures Completed in Fiscal Year 2016 and Planned for Fiscal Year 2017**

**MEETING DATE:** July 20, 2016

**LOCATION:** 3110 POBBLVD, Room 1423

**ATTENDEES:**

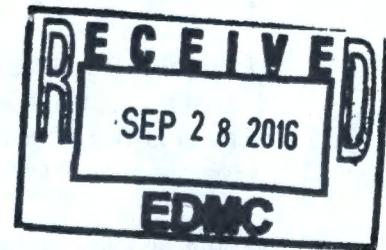
Ryan Beach (DOE-ORP)	Maria Skorska (Ecology)	Anna Radloff (WRPS)
Mike Barnes (Ecology)	Dusty Stewart (DOE-ORP)	Jessica Joyner (WRPS)
Marcel Bergeron (WRPS)	Harold Sydnor (WRPS)	James T Hamilton (WRPS)
Joe Caggiano (Ecology)	Jeff Lyon (Ecology)	Dan Parker (WRPS)
Ryan Childress (Terragraphics)	Jim Alzheimer (Ecology)	Cindy Tabor (WRPS)
Alex Pappas (WRPS)		

**PURPOSE OF MEETING:** Fulfill Hanford Federal Facility and Consent Order commitment M-045-56, "to meet yearly...for the establishment of additional Agreement interim measures."

The following topics were discussed at the meeting:

- Actions for FY 2016 (proposed in FY 2015 Meeting)
- Additional actions completed in FY 2016
- Proposed actions for FY 2017

Details on these topics are provided below.

**ACTIONS FOR FY 2016 (PROPOSED IN FY 2015 MEETING):**

1. *Provide a presentation summarizing the results of the vadose zone characterization activities performed in A Farm and AX Farm.*

Cindy Tabor presented the vadose field characterization information that was collected in WMA A-AX during 2014 and 2015 and indicated that it would be provided to Ecology via CD after it was cleared and publicly released.

The following are those items that need to be noted or need additional follow-up:

- Joe Caggiano asked how the Potassium-40 results from logging and laboratory analysis compared for direct push location C9360.
- Mike Barnes identified that information about laboratory blank contamination with respect to technetium analysis, which was identified by Anna Radloff, should be noted in the presentation. Cindy Tabor indicated that information would be added as a footnote to Handout 3ax.
- Mike Barnes noted that if future logging was performed in A Farm, then drywells 10-01-28 and 10-01-16 and others should be evaluated and potentially re-logged.
- Joe Caggiano recommended that laterals should be re-logged in the future (including temperature) and be compared to drywell logging information.
- Jeff Lyon brought up the issues with trying to perform field characterization work while retrieving tank farm waste.

- Ryan Beach identified that DOE was discussing the WMA A-AX DQO with respect to M-045-84 (i.e., "complete negotiations of HFFACO interim milestones for closure of the second Single Shell Tank WMA...").

**2. Provide reports resulting from FY 2015 characterization in A and AX Farms.**

Cindy Tabor identified that a CD, containing the reports pertaining to the 2014/2015 vadose zone field work in WMA A-AX was provided in June to Ecology (Refer to Attachment 1: Copy of Receipt). Additionally, Jeff Lyon asked if this material was supposed to be reviewed and if comments were to be provided. Cindy Tabor indicated that the material was provided for informational purposes.

**3. Provide T-111 operational updates.**

Cindy Tabor identified that updates were provided during FY 2016. Jeff Lyon asked that updates continue to be provided. It was decided that the best time to provide updates would be in the Monthly Project Managers TPA Meeting (under the topic M-045-56). Additionally, it was identified that Jim Alzheimer was receiving weekly updates from John Schofield and that he (Jim Alzheimer) would request that Maria Skorska be added to the distribution.

**4. Provide a report evaluating T-111 ventilation system performance at the end of system operation.**

Cindy Tabor identified that the report would not be provided this year, as the system was still operating. Dustin Stewart identified that it was thought that operations would be complete in October 2016 and that the report could be provided in FY 2017 (Refer to the subsequent section, Proposed FY 2017 Actions, action #3).

Various people (Joe Caggiano, Jeff Lyon, and Maria Skorska) asked about this effort being considered an interim measure. Joe Caggiano identified that he thought the T-111 effort was the pilot test, not really an interim measure.

**ADDITIONAL ACTIONS COMPLETED IN FY 2016**

**1. FY 2015 Barrier Monitoring Report (T/TY)**

Cindy Tabor provided the following report on CD to Maria Skorska: *T-TY Tank Farm Interim Surface Barrier Demonstration – Vadose Zone Monitoring FY15*, RPP-RPT-59411 (Refer to Attachment 2: Copy of Receipt). She also identified that Joe Caggiano sent an email earlier in the day asking how comments/concerns would be addressed. It was discussed that if there were issues, then comments should be emailed (to Alex Pappas) and that Ryan Beach should be copied.

**2. Annual Inspections of Interim Measure**

Jessica Joyner indicated that inspections identified in the Interim Maintenance Monitoring Plan were conducted during the year and that things in the field looked good with the exception of sands being accumulated in areas due to blowing. These accumulated sands are being removed via Guzzlers.

It was additionally identified that the drawings showing the locations of these interim measures (e.g., berms) have been added into SmartPlant (i.e., WRPS document storage area). Drawings are also being updated in AutoCad and field walk downs are being performed to ensure drawings are accurate.

**3. T-112 ventilation system**

Jessica Joyner provided a hardcopy of the following report: *Interim Measures Work Plan for Evaporation of Intrusion Water in Tank 241-T-112, RPP-PLAN-60932, Rev. 1, DRAFT* along with some schematic drawings (Refer to Attachment 2: Copy of Receipt). It was also identified that she would provide an electronic copy of the report to Ecology (Maria Skorska).

It was also identified that a meeting would be scheduled, prior to August 5, 2016, to further discuss this project.

**PROPOSED ACTIONS FOR FY 2017**

The following are the actions proposed for FY 2017 along with notes, as needed:

**1. Determine Locations for Barriers 3 and 4**

To be completed September 30, 2017, which is the date identified in change control form M-45-16-04 associated with M-045-92.

**2. FY 2016 Barrier Monitoring Report (T/TY)**

To be provided at the annual meeting in July 2017, or earlier if available.

**3. Provide a report evaluating T-111 ventilation system at the end of system operation**

To be provided by January 31, 2017.

Note: Jim Alzheimer identified that he would like to see (in the report) the problems that occurred during operation and lessons-learned.

**4. Provide an update on the T/TY Barrier Inspections and Maintenance**

To be presented by January 31, 2017.

During these discussions, Maria Skorska also brought up the beta probe with respect to future field work. It was identified that in the future, when field work is proposed, the beta probe technology needs to be re-evaluated.

Additionally, it was decided that updates would be in the Monthly Project Managers TPA Meeting (under the topic M-045-56 and by proposed actions).

Ryan E. Beach  
DOE Project Manager (print)

Ryan E Beach  
DOE Project Manager (signature)

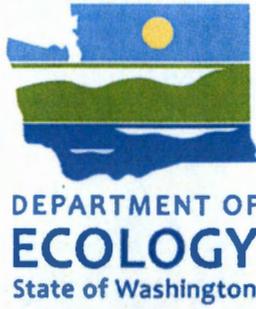
8/11/16  
Date

Jeffery J. Lyon  
Ecology Project Manager (print)

[Signature]  
Ecology Project Manager (signature)

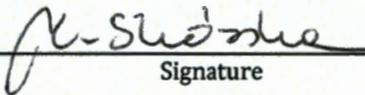
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**Attachment 1**

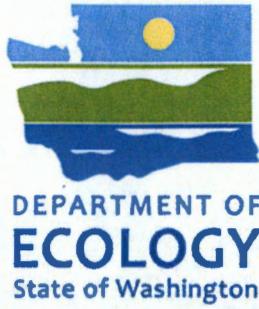


**Washington State Department of Ecology**  
Nuclear Waste Program  
Hanford Project

**Document Receipt**

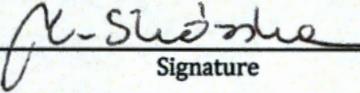
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<b>From:</b> <u>C. Tabor</u>	<b>Company:</b> <u>WRPS</u>	
<b>Received by:</b> <u>Maria Skorska</u>		
Print Name		
		
Signature		
<b>Document Title and Number:</b> WMA A-AX Characterization Reports 2014/2015 was giving to maria at meeting		

Attachment 2



**Washington State Department of Ecology**  
Nuclear Waste Program  
Hanford Project

**Document Receipt**

<b>Date:</b> <u>6.29.16</u>	<input checked="" type="checkbox"/> Incoming	<input type="checkbox"/> Outgoing
<b>To:</b> <u>Maria Skorska</u>	<b>Company:</b> <u>ECY</u>	
<b>From:</b> <u>C. Tabor</u>	<b>Company:</b> <u>WRPS</u>	
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