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MEETING NOTES

Waste Management Area A-AX HFFACO Appendix I Performance Assessment

MEETING DATE: October 25, 2016

LOCATION: Ecology Conference Room A&B, Richland, WA

ATTENDEES:

Jim Alzheimer (Ecology)	Kathy Dunbar (WRPS)	Paul Rutland (WRPS)
Mike Barnes (Ecology)	Jim Field (WRPS)	Maria Skorska (Ecology)
Ryan Beach (DOE-ORP)	Bob Hiergesell (WRPS)	Cindy Tabor (WRPS)
Marcel Bergeron (WRPS)	Jeff Lyon (Ecology)	Arun Wahi (Intera)
Joe Caggiano (Ecology)	Bill McMahon (CHPRC)	Jerry Yokel (Ecology)
Damon Delistraty (Ecology)	Sunil Mehta (Intera)	

PURPOSE OF MEETING: The meeting is one a series of status meetings held to promote Ecology, DOE, and WRPS discussion about the development of the *Hanford Federal Facility Agreement and Consent Order (HFFACO) Action Plan Appendix I performance assessment (IPA) for WMA A-AX.*

The agenda items covered in this specific meeting included discussion on scope of activities for the PA effort in FY 2017.

Lists of any identified expectations, agreements, and actions (including the status of any actions) are documented in the meeting notes

SCOPE OF PA EFFORT IN FY 2017:

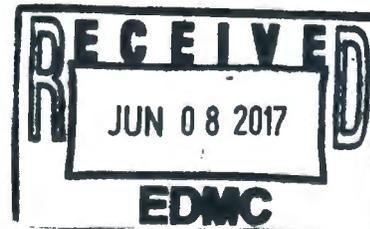
Mr. Bergeron explained the purpose of the meeting and the Agenda was distributed to all. He explained how this year is to focus on activities related to model development, both the conceptual model and numerical representation of that model. Some tanks residual analysis could be undertaken near the end of FY17.

Mr. Barnes asked if the Cribs and other infrastructure located immediately outside the A/AX fenced area will be included in the analysis. Mr. Bergeron responded "yes", but we need to decide how these facilities are to be handled in the IPA context. The PA part will be utilized to support the Tank retrieval decisions and to support the other parts of the IPA.

Mr. Barnes asked "when will the field work start"? Mr. Rutland responded that all FY17 field work will be to support Retrieval. There is no money this FY for any soil characterization work.

Ms. Skorska asked about the DQO process and if such an effort is planned this FY. Mr. Barnes added he thinks we are going to need a lot of samples (to support this IPA). Answer was that the process is already underway.

There was a question about whether current conditions will be evaluated. The response was that it will be evaluated and that past leaks are a part of that effort. Mr. Rutland stated that all future PA's will integrate past leaks analysis into the PA, as opposed to having a stand-alone document, as was done for the WMA PA.



For WMA A/AX PA (and other future PAs), WRPS has the hope to make one document and segregate sections on rads and non-rads within that document.

Mr. Bergeron mentioned that two workshops are planned in the November and December timeframe to present more detailed information on tank residual Inventories and Soil Inventory (Workshop 1) and on the Source term and Engineered System (Workshop 2). WRPS is looking to establish dates for these workshops. The preparation of material for Workshop 1 is underway. Data packages describing the information presented will be provided to Ecology following the Workshops and 30-days allotted for review.

Mr. Barnes asked Mr. Field if he had come across any "surprises" in his investigation of WMA A/AX past leaks. Mr. Field responded there were no surprises.

Mr. Lyon inquired about whether the inventories associated with cribs located outside the fence line would be included in the Inventory estimate. Mr. Rutland responded that this issue would be considered, with input from Ecology.

Mr. Lyon made the following requests of WRPS with regard to the WMA A/AX PA: 1) Define the purpose of the WMA A/AX PA in a short white paper. In this paper, describe how the PA will assist closure, etc. If possible, articulate this in a 1-page summary. 2) Define what the DQO RFI process is for the WMA A/AX PA and 3) Make a plan for scheduled meetings for the remainder of the FY. WRPS should provide this to Ecology and then schedule a meeting to talk about it. Mr. Rutland agreed to make such a schedule and added that it is imperative that we have strong agendas for each of these meetings.

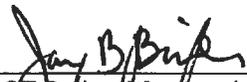
It was agreed that a meeting will be scheduled in the week of Oct. 31 to discuss the planned meetings for FY17. Mr. Rutland indicated that the WMA A/AX PA purpose document would be prepared and available for discussion with Ecology during the week of Nov. 7.

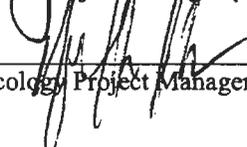
EXPECTATIONS, AGREEMENTS, AND ACTIONS: Refer to the tables below.

NEXT MEETING: The next meeting will be the first Workshop and will occur in February 2017.

JAN B BOVIER
DOE Project Manager (print)

Jeffery J. Lyon
Ecology Project Manager (print)


DOE Project Manager (signature)


Ecology Project Manager (signature)

6/6/2017
Date

6/7/2017
Date

DATE	AGREEMENTS
10/25/2016	Two workshops are planned in the November and December timeframe to present more detailed information on tank residual Inventories and Soil Inventory (Workshop 1) and on the Source term and Engineered System (Workshop 2). WRPS is looking to establish dates for these workshops. The preparation of material for Workshop 1 is underway. Data packages describing the information presented will be provided to Ecology following the Workshops and 30-days allotted for review

ACTIONS			
Action Number	Actionee	Description	Status
2016-10-25-1	Marcel Bergeron	Define the purpose of the WMA A/AX PA in a short white paper. In this paper, describe how the PA will assist closure, etc. If possible, articulate this in a 1-page summary.	New.
2016-10-25-2	Marcel Bergeron	Define what the DQO RFI process is for the WMA A/AX PA	New
2016-10-25-3	Marcel Bergeron	Make a plan for scheduled meetings for the remainder of the FY.	New

**Kickoff Meeting
WMA A-AX Model Development Work Scope – FY17
10/25/2016**

AGENDA

Scoping (Oct 2016 – Mar 2017)

- Workshop 1 – Tank Residuals and Soil Inventory (Dec 2016)
- Workshop 2 – Source Term and Engineered System (Jan 2017)
- Submit Data Packages on Residuals and Soil Inventory for Ecology review (Dec '16 - Feb '17)
- Revise and Release Data Packages (Mar 2017)

Conceptual Model Development and Documentation

(Jan – Sept 2017)

- Assemble the available geologic and hydrologic system information specific to
- WMA A-AX
- Integrate geologic/hydrologic information with similar information from WMA C
- Establish the Base Case conceptual model for WMA A-AX
- Document and issue Conceptual Model report

Numerical Model Development and Documentation

(Jan – Sept 2017)

- Establish extent of model grid and discretization of major HSUs
- Establish/Implement time-varying boundary conditions
- Test initial flow model
- Develop/test initial transport model
- Document and issue draft Model Package Report

Initiate Analysis of Tank Waste Residuals (July – Sept 2017)

- Prepare and implement Tank Residual (source release) inputs
- Identification of COPC's