

PNNL 300 AREA PROJECT MANAGER MEETING  
Waste Management Project/PNNL Facilities  
TEAM Meeting  
Richland, Washington  
February 8, 2022

Meeting Minutes - Approval

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The undersigned indicate by their signatures that these meeting minutes reflect the actual occurrences of the above-dated meeting. Signatures denote concurrence with content only and do not imply agreement or commitments.



Digitally signed by Mark D  
Ellefson  
Date: 2022.04.15 07:43:55 -07'00'

Date: \_\_\_\_\_

Mark Ellefson, Contractor Representative,  
Pacific Northwest National Laboratory



Digitally signed by THOMAS  
MCDERMOTT  
Date: 2022.04.11 09:09:51 -07'00'

Date: \_\_\_\_\_

Thomas M. McDermott, Project Manager,  
Pacific Northwest Site Office



Holbrook, Edward (ECY)  
2022.04.18 10:28:16  
-07'00'

Date: \_\_\_\_\_

Edward Holbrook, Waste Management Section Manager,  
Washington State Department of Ecology

**PURPOSE:** Discuss Permitting Process

The attached meeting minutes are comprised of the following:

Attachment 1 – Meeting Agenda/Minutes

Attachment 2 – Attendance List

**PNNL 300 AREA PROJECT MANAGER MEETING**  
**Waste Management Project/PNNL Facilities**  
**Meeting held online**  
**February 8, 2022, 9:00 – 10:00 a.m.**

**Agenda**

- 1) Approval December 7, 2021 Meeting Minutes (Ecology/PNSO/PNNL)
- 2) Discussion Items:
  - a) 325 HWTUs Quarterly Permit Modifications (PNSO/PNNL)
  - b) Hanford RCRA Permit Revision 9 Development (Ecology/PNSO/PNNL)
    - Status of CAPs
    - Status of Closure Addendum
    - Status of Waste Analysis Plan Addendum
    - Status of Preparedness and Prevention Addendum
    - Schedule Change Requests
  - c) Waste Volumes (PNSO/PNNL)
- 3) Action Items from Previous Meeting:  
None.
- 4) Next Meeting:  
May 10, 2022

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**Minutes**

**Attendees:** Deborah Alexander (ECY), Ty Buckendorf (PNNL), Jackson Davis (ECY), Mark Ellefson (PNNL), Edward Holbrook (ECY), Tom McDermott (PNSO), Jeremy Rishel (PNNL), Trevor VanArsdale (PNNL), Becky Wiegman (PNNL)

- 1) Approval December 7, 2021 Meeting Minutes (Ecology/PNSO/PNNL)
  
- 2) Discussion Items:
  - a) 325 HWTUs Quarterly Permit Modifications (PNSO/PNNL)

There may be an upcoming 325 BEP modification, but no modifications currently in progress.
  
  - b) Hanford RCRA Permit Revision 9 Development (Ecology/PNSO/PNNL)
    - Status of CAPs

The Process CAP workshops are still in progress. The Preparedness and Prevention major themes workshops have not yet been scheduled, Ecology took an action to check on the status of the workshops.
  
    - Status of Closure Addendum

PNNL sent a proposed Sampling and Analysis Plan for the 3714 Pad to Ecology 2/7/22. Minor changes will be needed to the closure addendum based on the SAP (the closure schedule, etc.). Ecology stated that in addition to a review of the SAP, they will need to review the closure matrix to ensure all items are addressed.
  
    - Status of Waste Analysis Plan Addendum

In an effort to accelerate schedule, PNNL proposed that work on the WAP red-line could begin prior to reaching agreement on all deficiency matrix items. This would allow proposed resolutions to be presented and reviewed in context of the rest of the document, rather than an abstract proposed solution in the matrix.  
PNNL and Ecology agreed that the upcoming workshop will be used to discuss an outline for the WAP. There are a few matrix items that PNNL disagrees with, and these will be identified as well.
  
    - Status of Preparedness and Prevention Addendum

PNNL asked if work on the red-line could begin prior to Major Themes being resolved. Ecology stated that Preparedness and Prevention major

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themes workshops still needed to be scheduled and took an action to check with the Rev 9 permit team on the status of scheduling those workshops.

- Schedule Change Requests
  - April 2022 completion status  
PNNL has heard that some units had received extensions to the April 2022 schedule, and asked why this didn't include the 325 HWTUs unit group given the likelihood that this date will not be met. Ecology stated that decisions were being made between Stephanie Schleif and her DOE counterparts based on negative float. The 325HWTUs unit group has just shown up on the top 10 units with negative float, and Ecology anticipates discussions will now occur regarding schedule. For now, we should be looking for ways to accelerate and meet the April 2022 schedule until we hear otherwise. Ecology will address potential schedule changes, or lack thereof, as the date approaches.

- c) Waste Volumes (PNSO/PNNL)  
From December 2021 thru January 2022, 26 containers of nonradioactive hazardous waste from the 300 Area were shipped to Clean Harbors. There were no mixed waste shipments during this period

A summary table of the volumes and waste types for each shipment is attached to these meeting minutes.

Ecology asked about the status of the COVID related delayed return manifest issue that was discussed at the December 2021 PMM. PNNL stated that Clean Harbors is directing most shipments to its Utah facility, which is helping to resolve a majority of the late manifests. Some shipments still need to go to the Texas facility, and Clean Harbors is still having issues with returning manifests within 45 days for these shipments.

Ecology asked if there was any waste in storage over a year. PNNL stated that there is some mixed waste in storage exceeding a year at quantities similar to previous years. There is no nonradioactive hazardous waste exceeding a year.

- d) Additional discussions:  
Ecology stated they hope to have a new project manager for the 325HWTUs unit group on board by early March.

- 3) Action Items:

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Ecology: Check on the status of the Preparedness and Prevention major themes workshop schedule. – Complete 2/10/22 Ecology plans to begin workshops this month.

- 4) Next Meeting:  
May 10, 2022

SHIP MONTH	SHIPPING_LOCATION	SHIP_TO	WASTE_TYPE_DESC	Count of DRUM_ID	Sum of CALC_NET_WGT Kg
December-21	350D	Manifest: Clean Harbors Aragonite, LLC	NonRad	21	327
		Manifest: Clean Harbors Aragonite, LLC Total		21	327
	350D Total			21	327
December 2021 Total				21	327
<b>Total</b>				<b>21</b>	<b>327</b>
SHIP MONTH	SHIPPING_LOCATION	SHIP_TO	WASTE_TYPE_DESC	Count of DRUM_ID	Sum of CALC_NET_WGT Kg
January-22	350D	Manifest: Clean Harbors Aragonite, LLC	NonRad	5	91
		Manifest: Clean Harbors Aragonite, LLC Total		5	91
	350D Total			5	91
January 2022 Total				5	91
<b>Total</b>				<b>5</b>	<b>91</b>
			MW	0	0
<b>Grand Total</b>			<b>Non-Rad</b>	<b>26</b>	<b>418</b>