



**Allen, Pam, NMENV**

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**From:** Maestas, Ricardo, NMENV  
**Sent:** Wednesday, June 25, 2014 3:34 PM  
**To:** Allen, Pam, NMENV  
**Subject:** FW: Volumes

March

**From:** Kliphuis, Trais, NMENV  
**Sent:** Tuesday, March 11, 2014 2:26 PM  
**To:** Maestas, Ricardo, NMENV; Smith, Coleman, NMENV  
**Subject:** Fwd: Volumes

Can you start on these asap? Thanks.

Sent from my Samsung Galaxy Note® 3

----- Original message -----

**From:** "Kendall, Jeff, NMENV"  
**Date:** 03/11/2014 2:19 PM (GMT-07:00)  
**To:** "Kliphuis, Trais, NMENV"  
**Subject:** RE: Volumes

Ok. 5 follow up questions below.

1. So the WHB can hold 194.1 m<sup>3</sup> total (this is inclusive of the surge storage area that we authorized in the AO)?
2. And, the WHB is maxed out or will be maxed out when they move the PAU waste in?
3. How much is currently in the WHB, and how much is in the PAU?
4. The PAU is 191 m<sup>3</sup> with 60 m<sup>3</sup> for surge storage?
5. I do not believe we authorized the use of this PAU surge storage in the AO, but can they use this surge area in the PAU without NMED authorization?

Thanks Trais, we are crafting responses to questions Ryan is getting.

Jeff

**From:** Kliphuis, Trais, NMENV  
**Sent:** Tuesday, March 11, 2014 2:08 PM  
**To:** Kendall, Jeff, NMENV  
**Subject:** Volumes

**Table 3.1.1 - WHB Unit**

Description	Area	Maximum Capacity	Container Equivalent
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CH Bay Storage Area	32,307ft <sup>2</sup> (3,001 m <sup>2</sup> )	4,800 ft <sup>3</sup> (135.9 m <sup>3</sup> )	13 loaded facility pallets and 4 CH Packages at the TRUDOCKS
CH Bay Surge Storage Area	included in CH Bay Storage Area	1,600 ft <sup>3</sup> (45.3 m <sup>3</sup> )	5 loaded facility pallets
Derived Waste Storage Area	included in CH Bay Storage Area	66.3 ft <sup>3</sup> (1.88 m <sup>3</sup> )	1 Standard Waste Box
<b>Total for CH Waste</b>	<b>32,307 ft<sup>2</sup> (3,001 m<sup>2</sup>)</b>	<b>6,466.3 ft<sup>3</sup> 183.1 m<sup>3</sup></b>	
RH Bay	12,552 ft <sup>2</sup> (1,166 m <sup>2</sup> )	156 ft <sup>3</sup> (4.4 m <sup>3</sup> )	2 loaded casks and 1 drum of derived waste
Cask Unloading Room	382 ft <sup>2</sup> (36 m <sup>2</sup> )	74 ft <sup>3</sup> (2.1 m <sup>3</sup> )	1 loaded cask
Hot Cell	1,841 ft <sup>2</sup> (171 m <sup>2</sup> )	94.9 ft <sup>3</sup> (2.7 m <sup>3</sup> )	12 drums and 1 drum of derived waste
Transfer Cell	1,003 ft <sup>2</sup> (93 m <sup>2</sup> )	31.4 ft <sup>3</sup> (0.89 m <sup>3</sup> )	1 canister
Facility Cask Loading Room	1,625 ft <sup>2</sup> (151 m <sup>2</sup> )	31.4 ft <sup>3</sup> (0.89 m <sup>3</sup> )	1 canister
<b>Total for RH Waste</b>	<b>17,403 ft<sup>2</sup> (1,617 m<sup>2</sup>)</b>	<b>387.7 ft<sup>3</sup> (11.0 m<sup>3</sup>)</b>	
<b>Facility Total</b>	<b>49,710 ft<sup>2</sup> (4,618 m<sup>2</sup>)</b>	<b>6,854 ft<sup>3</sup> (194.1 m<sup>3</sup>)</b>	

**Table 3.1.2 - Parking Area Unit**

Description	Area	Maximum Capacity	Container Equivalent
Parking Area	137,050 ft <sup>2</sup> (12,730 m <sup>2</sup> )	6,734 ft <sup>3</sup> (191 m <sup>3</sup> )	40 Contact-Handled Packages containing waste and 8 Remote-Handled Packages containing waste. The total number of Contact-Handled Packages containing waste in the Parking Area Unit cannot exceed 50.
Parking Area Surge Storage	Included in Parking Area	2,129 ft <sup>3</sup> (60 m <sup>3</sup> )	12 Contact-Handled Packages and 4 Remote-Handled Packages. The total number of Contact-Handled Packages containing waste in the Parking Area Unit cannot exceed 50.

**From:** Kendall, Jeff, NMENV  
**Sent:** Tuesday, March 11, 2014 2:03 PM  
**To:** Kliphuis, Trais, NMENV  
**Subject:** RE: 1:00 PM Call Summary

Trais,

I cannot find in my notes how much waste can be stored in the WHB and in the Parking Unit. Can I get this info in cubic meters? Need it by 3.

Jeff

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**From:** Kliphuis, Trais, NMENV  
**Sent:** Tuesday, March 11, 2014 1:55 PM  
**To:** Flynn, Ryan, NMENV; Kendall, Jeff, NMENV  
**Cc:** Tongate, Butch, NMENV; Winchester, Jim, NMENV; Blaine, Tom, NMENV; Schwender, Erika, NMENV; Skibitski, Thomas, NMENV; Kieling, John, NMENV; Nelson, Morgan, NMENV; LucasKamat, Susan, NMENV; Maestas, Ricardo, NMENV; Smith, Coleman, NMENV; Holmes, Steve, NMENV  
**Subject:** 1:00 PM Call Summary

- UG Vent – had a meeting and decided to install vacuum break in duct which will prevent additional leaking.
- New data for tomorrow on env. sampling
- No new bioassay until 17<sup>th</sup> and more on 21<sup>st</sup>
- Recovery Actions – Salt Shaft and Air Intake Samples still show no detectable contamination
- Shaft and rope inspections to occur on Thursday (tentative). Independent mine inspectors are there.
- Manned Re-entry – Personnel will survey between Salt and Intake shaft – over weekend, practicing on Mosaic Mine of Friday (mock up)
- Then, will send team UG for initial characterization and identify of contamination and source
- Press Release on workforce – will be held stable through end of fiscal year.
- Waste management – will unload several Trupacs for venting beginning of 19<sup>th</sup>,
- Discussions in Denver about how to move out of LANL, plans will be out by end of week.
- Communications – weekly town hall 5:30 on Thursdays, City Council will host and run meetings
- Website is being updated...lots posted. We all might get inquiries, Twitter account: @WIPPNEWS
- Background report – generated in 1992 with data from 1998-1989 – much higher than recent annual env report values, want to use last 3 years averages as revised background. Old BL is 10<sup>3</sup> higher.
- This Thurs. or Fri. Accident Investigation Board report on fire will be issued... will have all hands meeting and will be out to public very quickly.
- Trais asked about web post that reads “**DAMPER CLOSURE** A damper system that's designed to allow .4 percent of airflow to bypass the air filtration system during filtration operations has been sealed with a high-density foaming material” and how that 0.4 percent was calculated. They will provide an answer in writing about how the 0.4% is calculated.

Also, the HWB WIPP group is working on the second Admin Order.

Please let me know if you have additions/edits etc. Thanks.

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