



Allen, Pam, NMENV

From: Maestas, Ricardo, NMENV
Sent: Wednesday, June 25, 2014 3:35 PM
To: Allen, Pam, NMENV
Subject: FW: Volumes

March

From: Maestas, Ricardo, NMENV
Sent: Tuesday, March 11, 2014 3:28 PM
To: Kendall, Jeff, NMENV
Cc: Kliphuis, Trais, NMENV; Maestas, Ricardo, NMENV; Holmes, Steve, NMENV; Smith, Coleman, NMENV; Kieling, John, NMENV
Subject: RE: Volumes

Jeff,
Please see the responses in red below.
Thank you Cole and Steve for your assistance on this.

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 m³ total (this is inclusive of the surge storage area that we authorized in the AO)?
 - The 194.1 m³ total includes both RH and CH waste in the WHB. There is currently NO RH waste above ground.
 - The CH WHB Permit limits are; for normal CH storage: 135.9m³ and CH Surge is 45.3m³ for a total CH limit of 181.2m³
 - The AO allows up to the total CH limit of 181.2m³ as stated in the Permit, Table 3.1.1.
2. And, the WHB is maxed out or will be maxed out when they move the PAU waste in?



- According to the March 3, 2014 at 4:45pm email from Jim Winchester to NMED senior staff, WIPP has a total 145 cubic meters of above ground waste onsite.
 - This volume does not exceed the max of 181.2m³
3. How much is currently in the WHB, and how much is in the PAU?
- There are currently 38 CH facility pallets in the WHB and 19 packages in 3 TRUPact-IIs in the PAU. We currently do not have the corresponding volumes but can ask for that information.
4. The PAU is 191 m³ with 60 m³ for surge storage?
- Correct, per the Permit, Table 3.1.2
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?
- No, the AO does not mention the use of the PAU Surge.
 - Permit section: 3.1.2.3. Use of Parking Area Surge Storage
The Permittees may use the Parking Area Surge Storage in Table 3.1.2 below only when the maximum capacity in the Parking Area is reached and as specified in Permit Attachment A1, Section A1-1c(2).
 - Permit Section: A1-1c(2).Parking Area Surge Storage 1
The Permittees will coordinate shipments with the generator/storage sites in an attempt to minimize the use of surge storage. However, there may be circumstances causing shipments to arrive that would exceed the maximum capacity of the Parking Area. The Permittees may use the Parking Area Surge Storage as specified in Part 3 (see Figure A1-2) only when the maximum capacity in the Parking Area is reached and at least one of the following conditions is met:
 - Surface or underground waste handling equipment malfunctions prevent the Permittees from moving waste to disposal locations;
 - Hoisting or underground ventilation equipment malfunctions prevent the Permittees from moving waste into the underground;
 - Power outages cause a suspension of waste emplacement activities;
 - Inbound shipment delays are imminent because the Parking Area is full (not applicable to RH TRU waste shipments); or
 - Onsite or offsite emergencies cause a suspension of waste emplacement activities.

The Permittees must notify NMED and those on the e-mail notification list (as specified in Permit Sections 1.11 and 3.1.2.4) upon using the Parking Area Surge Storage and provide justification for its use.

The Permittees are not required to obtain NMED authorization before using the PAU Surge area providing they follow the above conditions.

We are not expecting the Permittees to use PAU Surge because AO prohibits receipt of waste shipments.

Please let us know if you need further information.

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
CH Bay Storage Area	32,307ft ² (3,001 m ²)	4,800 ft ³ (135.9 m ³)	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 ³ (45.3 m ³)	5 loaded facility pallets
Derived Waste Storage Area	included in CH Bay Storage Area	66.3 ft ³ (1.88 m ³)	1 Standard Waste Box
Total for CH Waste	32,307 ft² (3,001 m²)	6,466.3 ft³ 183.1 m³	
RH Bay	12,552 ft ² (1,166 m ²)	156 ft ³ (4.4 m ³)	2 loaded casks and 1 drum of derived waste
Cask Unloading Room	382 ft ² (36 m ²)	74 ft ³ (2.1 m ³)	1 loaded cask
Hot Cell	1,841 ft ² (171 m ²)	94.9 ft ³ (2.7 m ³)	12 drums and 1 drum of derived waste
Transfer Cell	1,003 ft ² (93 m ²)	31.4 ft ³ (0.89 m ³)	1 canister
Facility Cask Loading Room	1,625 ft ² (151 m ²)	31.4 ft ³ (0.89 m ³)	1 canister
Total for RH Waste	17,403 ft² (1,617 m²)	387.7 ft³ (11.0 m³)	
Facility Total	49,710 ft² (4,618 m²)	6,854 ft³ (194.1 m³)	

Table 3.1.2 - Parking Area Unit

Description	Area	Maximum Capacity	Container Equivalent
Parking Area	137,050 ft ² (12,730 m ²)	6,734 ft ³ (191 m ³)	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 ³ (60 m ³)	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

Jeffrey M. Kendall
GENERAL COUNSEL &
LEGISLATIVE COORDINATOR
NEW MEXICO ENVIRONMENT DEPARTMENT
1190 St. Francis Drive, Suite N-4050
Santa Fe, NM 87501
Phone (505) 827-2855
Fax (505) 827-1628
Email jeff.kendall@state.nm.us

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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 17th and more on 21st
- 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 19th,
- 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 10³ 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.

Trais Kliphuis
WIPP Staff Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive E, Building 1
Santa Fe, New Mexico 87505

Office: 505-476-6051
Front Desk: 505-476-6000