



## Allen, Pam, NMENV

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**From:** Maestas, Ricardo, NMENV  
**Sent:** Wednesday, October 01, 2014 7:06 PM  
**To:** Flynn, Ryan, NMENV; Kendall, Jeff, NMENV  
**Cc:** Winchester, Jim, NMENV; Tongate, Butch, NMENV; Blaine, Tom, NMENV; Kliphuis, Trais, NMENV; Skibitski, Thomas, NMENV; Kieling, John, NMENV; Holmes, Steve, NMENV; LucasKamat, Susan, NMENV; Turner, Jill, NMENV; Nelson, Morgan, NMENV; Ines Triay; Maestas, Ricardo, NMENV; Smith, Coleman, NMENV; Simon, Martin, NMENV; Cobrain, Dave, NMENV; Pullen, Steve, NMENV; Dale, Leslie, NMENV; Briley, Siona, NMENV; Hall, Timothy, NMENV; Kliphuis, Trais, NMENV; Hower, Jennifer, NMENV; Allen, Pam, NMENV; Lauer, Gregory, NMENV  
**Subject:** FW: WIPP Information - For Call Today

Notes for Tuesday, 9/30.  
NMED notes are in blue.  
8:30am summary notes follow.  
Thanks Cole for your help on this!

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**From:** Russ Patterson [<mailto:russ.patterson@cbfo.doe.gov>]  
**Sent:** Tuesday, September 30, 2014 11:13 AM  
**To:** Anthony Stone; 'Bignell, Dale - CTAC'; Kliphuis, Trais, NMENV; 'peake.tom@epa.gov'; 'Edwards, Jonathan'; 'Walsh, Jonathan'; 'Perrin, Alan'; 'Stone.Nick@epa.gov'; Smith, Coleman, NMENV; 'brozowski.george@epa.gov'; 'Fraass, Ron'; 'Hardy, Russell'; 'Veal.Lee@epamail.epa.gov'; 'Economy.Kathleen@epa.gov'; 'Poppell.Sam@epa.gov'; Maestas, Ricardo, NMENV; 'Faller, Scott H.'; Holmes, Steve, NMENV; 'gene.turner@nnsa.doe.gov'; 'Karen.armijo@nnsa.doe.gov'; 'laura.day@nnsa.doe.gov'; 'david.nickless@nnsa.doe.gov'; Peter Maggiore - LANL NNSA  
**Cc:** George Basabilvazo - WIPPNet; 'Reynolds, Tammy - NWP'; 'Harris, Alton - DOE EM'; Susan McCauslin; 'jharvill@portageinc.com'; 'Kennedy, Scott - NWP'; 'Jones, Stewart - RES'; 'Oates, Berta - CTAC'; 'schultheisz.daniel@epa.gov'; Philip Theisen - ORISE; 'Kouba, Steve - WRES'; Roger Nelson - WIPPNet; Susan McCauslin - WIPPNet; 'Pace, Berry'; Anthony Stone - WIPPNet; J.R. Stroble - WIPPNet; Heidi Lowe; 'Keffer, Sue'; 'christine.gibbs@nnsa.doe.gov'; 'torig@lanl.gov'; 'kroberts@lanl.gov'; Tom Teynor; 'Chavez, Rick - RES'; 'Kehrman, Bob - RES'; 'Dunagan, Sean - SNL'  
**Subject:** RE: WIPP Information - For Call Today

Below is a summary of activities for today's call. (Please note that activities and dates are subject to change. Please verify the most current dates of any information provided.)

- HEPA Filter discussion: A URS engineer was on the call to describe the interim ventilation system. The essential facts are as follows:
  1. The two initial systems are being designed as procurement packages by URS engineers. A total of six packages will be generated: skids, fans, electrical, ductwork, and construction/civil (two packages). All designs will be complete and final before release by URS.
  2. Procurement will proceed immediately proceed after the design packages are completed. The final procurement will be the control system, with anticipated delivery in the Feb. 2015 time frame.
  3. Testing is planned for late March 2015.
  4. Operational by late April 2015.
  5. Each skid/fan will have a capacity of 22,000 acfm.



6. The skids will be located on a new concrete pad to be located north of Station A, near the electrical substation. A “tee” near the seismic station will allow exhaust air from the skids to be vented at the existing Station B at a point downstream from the 860 fans. The regulatory release point location (Station B) will remain unchanged.
7. The skid unit intake tie-in to existing ductwork will occur through removal of one of the 700 fans (all 700 fans will be removed).
8. Normal operating mode for the initial interim system will utilize two new skid units and one of the 860 fans. The skid system will be set up such that the two units will be identical and operated in parallel, with provisions in the design to expand to 3 or 4 skid-mounted units. As in the current ventilation arrangement, up to two of three 860 fans can be utilized simultaneously. Total ventilation flow will be 30 kacfm for each 860 fan plus 22 kacfm for each skid-mounted unit.
9. The skid-mounted HEPA system will be identical to existing HEPAs – will have four series filter banks - a “mod” prefilter, a fine prefilter, and two banks of HEPAs. The HEPAs will be made by Flanders and will be the same 2' x 2' size utilized in the existing units.
10. Eric Rodriguez is the COG for the interim ventilation project.
11. The URS procurement packages will not include equipment needed for the supplemental ventilation system – design and procurement will be later.

More will be provided during the call on Tuesday, 10/7.

- The Air Intake Shaft was inspected yesterday, 9/29. The Salt Shaft inspection is planned to be completed today. The plan from now forward is to conduct the Air Intake Shaft Inspection on Monday and the Salt Shaft Inspection on Tuesday, of each week.
- Zone 3 roll back was completed last week with exception of area roped off due to ground control need (see yellow area on map attached). Rollback in other areas in the U/G continues.
- To initiate roof bolting, Work Control Documents are being developed and the bolter is being evaluated for Preventive Maintenance requirements. The required support equipment, forklift, lube truck, and scissor lift have had Preventive Maintenance initiated also. Hope to be roof bolting by mid Oct.
- Transformer testing for the Waste Hoist has been completed, and the transformer and switchgear were energized. PM's on the Waste Hoist will begin this week. Waste Hoist is expected to be back in service by the middle of October.
- The REACH equipment testing and mock up is complete. The unit has been disassembled and is being transported to the WIPP Facility today. It will be stored at the Facility until the Waste Hoist is operational for transport to the underground and reassembled. Entry into Panel 7 Room 7 is planned for this week to support REACH activities. Will be looking at broken roof bolts to make see if they will impede the boom and the entire path to Room 7 to ensure smooth transport.
- The HEPA skid and effluent fan units are progressing on schedule. More will be provided during the call on Tuesday, 10/7.
- The next Town Hall Meeting is scheduled for 10/2.
- EPA had questions on WIPP Air Sampling Reports

NOTE: CALL-IN NUMBER, 1-888-413-3490, CODE 7175394

If you have any questions for this week's call please contact me or George Basabilvazo,

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DOE/CBFO  
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575-234-7457 or 575-706-0027

### **8:30am Call Summary**

#### **SRNL**

- CAM and MgO sample analysis are complete and have been sent to TAT
  - Nothing remarkable to report
- Will finish with LANL and WIPP samples this week and will be sent to TAT
- Expect feedback from TAT sometime in October

#### **LANL**

- No issues with waste in isolation
- HSG sampling continues
- Met with NMED to discuss alternatives in remediation-leaning towards Zeolite
- Preparing for sampling of surrogate drum of drum 68660
- Looking at controls necessary for de-nesting
- Looking at reducing temperatures of the waste drums
- Any remediation methods developed by LANL may be implemented at WCS
- Physical sampling of sister of 68685 is moving forward, not sure on timeline

#### **WCS**

- Recovering from flooding
- No impacts to waste
- Temps are good, all is well

#### **WIPP**

- Roll back activities continue, E-140 and W-30 all the way to S-1950 are now RBA or controlled areas
- Will soon be starting up the first liquid fueled vehicle-Fork lift
- the lube truck is now being cleaned, with a roof bolter to follow
- Entry to Panel 7, Room 7 will happen on Thursday, 10/2
- Dismantle Project Reach and move to Room 7
- Looking at broken bolt pattern in roof of Room 7, may impede the boom
- Still working on waste hoist, installed transformer
- Entries to the UG are happening everyday
- Next call on Tuesday