



## Allen, Pam, NMENV

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**From:** Maestas, Ricardo, NMENV  
**Sent:** Thursday, August 14, 2014 2:34 PM  
**To:** Flynn, Ryan, NMENV; Kendall, Jeff, NMENV  
**Cc:** Winchester, Jim, NMENV; Tongate, Butch, NMENV; Schwender, Erika, NMENV; Blaine, Tom, 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; Briley, Siona, NMENV; Hall, Timothy, NMENV; Kliphuis, Trais, NMENV; Allen, Pam, NMENV  
**Subject:** FW: WIPP Information - For Call Today  
**Attachments:** 1300 Meeting Action Items 08-14-14.xlsx; LANL Report 8 13 14.docx

NMED notes in blue.  
The 8:30am call notes follow below.

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**From:** Patterson, Russ - DOE [mailto:Russ.Patterson@wipp.ws]  
**Sent:** Thursday, August 14, 2014 12:14 PM  
**To:** Bignell, Dale - CTAC; Kliphuis, Trais, NMENV; [peake.tom@epa.gov](mailto:peake.tom@epa.gov); Edwards, Jonathan; Walsh, Jonathan; Perrin, Alan; [Stone.Nick@epa.gov](mailto:Stone.Nick@epa.gov); Smith, Coleman, NMENV; [brozowski.george@epa.gov](mailto:brozowski.george@epa.gov); Fraass, Ron; Hardy, Russell; [Veal.Lee@epamail.epa.gov](mailto:Veal.Lee@epamail.epa.gov); [Economy.Kathleen@epa.gov](mailto:Economy.Kathleen@epa.gov); [Poppell.Sam@epa.gov](mailto:Poppell.Sam@epa.gov); Maestas, Ricardo, NMENV; Faller, Scott H.  
**Cc:** Basabilvazo, George - DOE; Reynolds, Tammy - NWP; Harris, Alton - DOE EM; McCauslin, Susan - FedNet; [jharvill@portageinc.com](mailto:jharvill@portageinc.com); Kennedy, Scott - NWP; Jones, Stewart - RES; Oates, Berta - CTAC; [schultheisz.daniel@epa.gov](mailto:schultheisz.daniel@epa.gov); Theisen, Philip - ORISE; Kouba, Steve - WRES; Nelson, Roger - DOE; McCauslin, Susan - DOE; Pace, Berry; Stone, Anthony - DOE; Stroble, J. R. - DOE; Lynnes, Kate; Lowe, Heidi - FedNet; Keffer, Sue; [christine.gibbs@nnsa.doe.gov](mailto:christine.gibbs@nnsa.doe.gov); [torig@lanl.gov](mailto:torig@lanl.gov); [kroberts@lanl.gov](mailto:kroberts@lanl.gov); Tom Teynor; Chavez, Rick - RES; Kehrman, Bob - RES; Dunagan, Sean - SNL  
**Subject:** RE: WIPP Information - For Call Today

The last message had other attachments that were too large. Sorry. (These attachments were the drawings and specs for Project Reach that I sent a few minutes ago-Ricardo)

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**From:** Patterson, Russ - DOE  
**Sent:** Thursday, August 14, 2014 12:05 PM  
**To:** Bignell, Dale - CTAC; Kliphuis, Trais; [peake.tom@epa.gov](mailto:peake.tom@epa.gov); Edwards, Jonathan; Walsh, Jonathan; Perrin, Alan; [Stone.Nick@epa.gov](mailto:Stone.Nick@epa.gov); [coleman.smith@state.nm.us](mailto:coleman.smith@state.nm.us); [brozowski.george@epa.gov](mailto:brozowski.george@epa.gov); Fraass, Ron; Hardy, Russell; [Veal.Lee@epamail.epa.gov](mailto:Veal.Lee@epamail.epa.gov); [Economy.Kathleen@epa.gov](mailto:Economy.Kathleen@epa.gov); [Poppell.Sam@epa.gov](mailto:Poppell.Sam@epa.gov); [Ricardo.Maestas@state.nm.us](mailto:Ricardo.Maestas@state.nm.us); Faller, Scott H.  
**Cc:** Basabilvazo, George - DOE; Reynolds, Tammy - NWP; Harris, Alton - DOE EM; McCauslin, Susan - FedNet; [jharvill@portageinc.com](mailto:jharvill@portageinc.com); Kennedy, Scott - NWP; Jones, Stewart - RES; Oates, Berta - CTAC; [schultheisz.daniel@epa.gov](mailto:schultheisz.daniel@epa.gov); Theisen, Philip - ORISE; Kouba, Steve - WRES; Nelson, Roger - DOE; McCauslin, Susan - DOE; Pace, Berry; Stone, Anthony - DOE; Stroble, J. R. - DOE; Lynnes, Kate; Lowe, Heidi - FedNet; Keffer, Sue; [christine.gibbs@nnsa.doe.gov](mailto:christine.gibbs@nnsa.doe.gov); [torig@lanl.gov](mailto:torig@lanl.gov); [kroberts@lanl.gov](mailto: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, activities and dates are subject to change. Please verify the most current dates of any information provided).

- Salt Shaft and Air Intake Shaft rope inspections took place on 8/13/14



- Entries are starting today to begin zone rollback activities (rollback along W-30, S-700 and S-400. More information will be available in tomorrow's email)
- The video imaging boom fabrication, testing, and implementation is on schedule for completion by end of August.
- Dates for further Panel 7 Room 7 sample collection are being discussed with the AIB; and may take place tomorrow 8/15/14.
- DOE will send out an email to the 1pm group on status and results of tomorrow's entry
- The two HEPA skid mounted ventilation units are proceeding on schedule. Should be ready for installation in Jan-Feb 2015 timeframe.
- An action item was taken to provide the group with any drawings or specs on the skid units.
- The Town Hall Meeting was held on 8/21/14.
- EPA Region 6 asked how the LANL/NMED meeting went today.
- Ricardo and Cole offered to send the 1pm group the presentation( when NMED receives it) that LANL provided to NMED during today's meeting regarding the LANL chemistry update.

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

8:30am Call Notes

SRS

- Still working on MgO samples.
- IR on MgO particles will take place next week.
- Bulk of the Nitrate and Organics sampling completed. Nothing grand to report.
- Analysis of Cams 4-6-7-9 were delayed. Will commence Monday morning.

LANL

- Waste inspections are good, no concerns.
- HSG sampling on 68685 is ongoing. CO2: 21,673 ppm, H2: 87 ppm, N2O: 6,749 ppm.
- 3<sup>rd</sup> round of HSG completed.
- Video of Parent sampling will be sent to AIB and TAT- 18 small sample jars were collected.
- Work continuing to prep for sampling of remediated nitrate salt containers.
- A nitrate salt waste report has been drafted.
- Working ongoing to prep for remediation and treatment of the nitrate salt waste.
- Chemistry investigation continues.
- LANL will be meeting with NMED to provide update on investigation.

- LANL has sent a letter to WIPP for concurrence of the D001 in the waste manifest.

#### WCS

- Nothing new to report.
- Waste temps are good.
- NWP on site today performing monthly inventory.

#### WIPP

- Project Reach continuing work.
- Late August delivery.
- Entry to Panel 7 for further sampling will be tomorrow.
- 3 samples from material on top of SWB adjacent to breached drum.
- 1 sample at mouth of breached drum.
- 1 sample of MgO sack next to waste face.
- Next 8:30am call on Tuesday 8/19.

## WIPP Event Investigation

### LANL Summary Providing Input for WIPP Meeting on 8/14

#### *LANL Scientific and Operational Activities*

- Completed hourly visual inspections and daily thermography inspections of nitrate salt bearing waste containers since previously reported on 8/4. No issues or anomalies in visual inspections or thermography inspections were identified since that time.
- Daily headspace gas sampling through the filter on the SWB containing drum 68685 was taken. Today (8/13) the CO<sub>2</sub> measured 21,367 ppm, H<sub>2</sub> measured at 87 ppm, and N<sub>2</sub>O levels measured at 6,749 ppm.
- The third round of sampling on 14 additional SWB containers containing the nitrate salt drums has been completed. Chemistry is reviewing overall results to determine additional sampling needs.
- LANL sampled the parent container of drum 68660 on 08/07. Samples are currently packaged and under chain of custody, and we are preparing to ship these to SRNL. The video of the sampling is also being provided to the TAT and the AIB.
- Revising plans, procedures and safety documents to enable sampling of remediated nitrate salt waste containers.
- LANL causal analysis of the LANL nitrate bearing salt waste process issues is in progress.
- Planning and preparing of recommendations for waste remediation and treatment is continuing.
- Chemistry investigations and lab tests are continuing; to date we have not observed an exothermic reaction occurring at less than 100 C, and have not determined an initiation source to get to that temperature.

#### *Coordination and Communications*

- A technical briefing update will be provided to NMED on 8/14.
- LANL provided concurrence to WIPP to make manifest revisions related to the D001 waste code.

WIPP RECOVERY 1:00 DAILY MEETING ACTION LIST

Revised 8/11/2014

	A	B	C	D	E	F
1	Date Identified	Requestor	Action	Responsible Person	Due Date	Status
69	05/16/14	Trais Kliphuis	Requested information of any "corrective actions" related to the AK Documentation WIPP Form.	Stroble	6/9/2014	Corrective actions related to the AK Documentation WIPP Form from NWP are on hold pending the outcome of the DOE Accident Investigation Board's findings. The CBFO continues to evaluate process improvements related to the exchange of information between generator sites and the AK teams. However, it is not likely that any improvements from this area at LANL will occur until the investigation is complete.
78	06/17/14	Tom Peake	Will DOE update the consequence assessment given that isotopic data is available?		8/29/2014	Completion date based on priorities of the preparing party.
82	06/17/14	Oba Vincent	DOE requested an advance copy of the EPA's report that investigated the 2/12 release.			This will help DOE be prepared to respond to media requests in a timely manner. As of 071514, the EPA's report was in management review.
84	06/24/14	Trais Kliphuis	NMED requested a copy of the LANL remediation records for waste stored in Panel 6.			In progress – remaining items are portions of items 2 and 8, and all of item 5 (per LANL, 8/7/14)
87	07/01/14	Tom Peake	Inquired as to when DOE would be ready to discuss future recovery plans, especially a new shaft.	Vincent		A video conference is tentatively scheduled for 8/13.
90	07/15/14	Kathy Economy	If LANL cannot initiate a reaction in a MINO2 waste stream, what will be done?	LANL		LANL testing results: tested positive as an oxidizer and the D001 waste code has been added.

WIPP RECOVERY 1:00 DAILY MEETING ACTION LIST

Revised 8/11/2014

	A	B	C	D	E	F
92	07/22/14	Steve Holmes	What is the number of broken bolts per some unit that if exceeded, access is restricted?	Jones		Refining response with NWP, Mine Engineering.
93	07/22/14	Ricardo Maestas	Requested a summary of inspections in the waste handling building pertaining to waste and the frequency of the inspection.	Jones		NMED is reviewing (8/5) and will provide comments. Rick C. and Ricardo M. will further discuss intent of NMED's request.
94	08/05/14	Nick Stone	Discuss the frequency and topics of future calls.	Basabilvazo		This will be discussed in the 8/7/14 call.
95	08/07/14	Trais Kliphuis	Requested copy of plan for scheduled 8/7/14 entry.	Jones		Closed.
96	08/07/14	Trais Kliphuis	Discuss underground VOC monitoring when personnel are in the underground.	Basabilvazo/Chavez		Would like to discuss on Tuesday, 8/18/14 call. Rick C. and Trais K. to determine what type of briefing is desired by NMED.
97	08/12/14	Ricardo Maestas	Provide the timeframe when the recovery project plan will become available to the regulators	Basabilvazo/Patterson		Will inquire to CBFO mangement.