

Allen, Pam, NMENV

From: Maestas, Ricardo, NMENV
Sent: Tuesday, September 09, 2014 4:58 PM
To: Flynn, Ryan, NMENV; Kendall, Jeff, NMENV
Cc: Winchester, Jim, NMENV; Tongate, Butch, 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; 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
Attachments: RAD014066 COB 09-06-2014.pdf; Copy of 1300 Meeting Action Items 090514a.xlsx

1pm NMED notes in red.
8:30 Call Summary Notes Follow in blue

Thanks Cole for your help on this!

From: Anthony Stone [mailto:anthony.stone@cbfo.doe.gov]
Sent: Tuesday, September 09, 2014 11:47 AM
To: Russ Patterson - WIPPNet; 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
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 the activities for today's call. (Please note that activities and dates are subject to change. Please verify the current dates of any information provided).

- Air intake shaft inspections were completed on 9/8. Salt Shaft will be inspected today.

The decon trailer has a GFCI outlet that keeps tripping; trailer must be ready before any entries. Therefore the salt shaft inspection and any other entries are postponed pending resolution of the circuit breaker problem.

- The samples from Panel 7 Room 7 have been received by the lab on 9/2/14. Analytical status is unknown at this time.

These are samples collected from the breached drum during an entry to the waste face on August 15. They were sent to the SRNL radioanalytical laboratory.

- U/G Entry – 9/8/2014 Surveyed the W30 drift from S1000 to S1200 and the S1000 cross drift from W30 to W170 up to 8 foot high to include vehicles and equipment in Zone 1b.

Survey only. No decon activities. NMED has requested but not yet received a decon plan from WIPP.

- U/G Entry – 9/9/2014 will continue characterizing Zone 1b and sample waste hoist sump water.

NMED knows that this water is already RCRA for lead. If hot, the water may need treatment by evaporation in a rad facility before disposal. The estimate for volume of sump water is 16,000 gallons.

- MSHA Inspection on 9/8/2014 resulted in 7 findings.

NMED requested a copy of these findings.

- The next town hall meeting is scheduled on 9/18/2014

There will not be a public release of the Recovery Plan. Joe Franco will discuss the Plan at the 9/18 town hall, but his presentation will be a high-level overview.

Additional notes:

- Ted Wyka, AIB Chair, was on the call to accept questions. Nick Stone (EPA R6) asked Wyka for a timeline for the completion of the final AIB report. Wyka explained that the AIB wants 100% of the drums in Room 7 to be photographed using Project Reach. The carbon fiber boom delivery is still 4 weeks out, and then time is needed to get the new equipment underground. Once the REACH system is in place, Wyka estimated about 2 weeks of entries to obtain all the necessary photographic evidence. The final AIB report will provide a solid technical basis for any conclusions, and will include results from chemical sampling data, computer modeling, and all analyses supporting the AIB conclusions. Tom Peake (EPA HQ) asked Wyka about the AIB's confidence that LANL has determined the root cause reaction type and has narrowed down the number of possible reactions to only a few. Wyka said that the AIB does have confidence in LANL's diagnostic efforts but couldn't discuss why. Wyka did say that the visual evidence collected by Project Reach could provide sufficient confirmation. Cole asked Wyka about the AIB's confidence and satisfaction with the SRNL testing. Wyka said that the results from SRNL support the "prime hypothesis", but couldn't discuss further.
- Nick Stone asked WIPP if the plan was still to release the Recovery Plan to the public at the 9/18 town hall meeting in Carlsbad. WIPP didn't know, so Nick asked them to look into it. Nick wanted an e-mail sent to EPA and NMED discussing release of the Recovery Plan. After the 1 PM call, WIPP was instructed by Joe Franco to call us and EPA to explain that the Recovery Plan is not finished yet and will not be presented to the public on 9/18. Franco will discuss Recovery at the town hall, but only a high-level overview.

Action Items:

- #104: Tom Peake had requested an in-person briefing from WIPP concerning the ventilation system. Tom said that EPA HQ folks will not be available to come out until sometime in October.
- #102: Tom Peake and Nick Stone had requested that a LANL person be on the 1 pm calls. Tori George and Gene Turner were on the call today.
- #100: WIPP is working on the waste hoist; waiting on replacement of a large transformer
- #99: Hybrid roof bolter will go out for bid soon. Time schedule is (approx.): 3 weeks to receive bids, 2 weeks to make selection, and a 6 month lead time for fabrication. Two (2) hybrid bolters are scheduled to be ordered.
- #97: WIPP doesn't know when the Recovery Plan will be releasable to regulators for review. Unclear if release of the Recovery Plan is tied to the AIB final report.

- #90: If LANL cannot reproduce the reaction, every effort will be made to narrow down the root cause as much as possible (didn't get a satisfactory answer from LANL).
- #84: Panel 6 waste records have been assembled and are part of one of the 22-23 binder deliverables LANL is preparing for delivery to NMED.
- #82: DOE had requested an advance copy of EPA's report that investigated the 2/14 release. EPA's CAP88 report was publically released on August 27; unclear if this is the report DOE wanted an advance copy of.
- #78: Tom Peake had asked for an updated Consequence Assessment now that isotopic data is available. There was no update available on the updated assessment.

Thanks,

Cole

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,

V/R,

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 DOE/CBFO-OESH
 RCRA Program Manager
 575-234-7475
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8:30am Call Summary Notes

SRNL

- CAM filters- still in progress-looking for organics and nitrates-nothing to report at this time
- MgO samples- Summary of data has been sent to the TAT but there is no final report yet
- Will ask the TAT when MgO sample data will be available for dissemination, not sure at this time if TAT is committed to releasing data
- WIPP samples are still being counted- Preliminary analysis has been sent to TAT- Waiting for TAT approval for further analysis
- LANL Samples are still being counted- TAT has approved start of further analysis- more analysis will start next week – dissolution, nitrate ion chromatography, others

LANL

- Inspections of waste- no concerns

- Did have a power bump (3 second power outage) on Saturday morning in Dome 231- un-remediated nitrate waste- impacted ventilation- electrician will be on hand on Thursdays 10am call to answer any questions
- Missed 4 hourly visual inspection
- Resumed ventilation, resumed visual inspections
- Daily HSG gas sampling continues:
 - 68685: H2: 139ppm/ CO2: 27,700ppm
 - 50522: H2: 7,930ppm/ CO2: 54,799ppm
- Twice weekly on 5 other containers
- Empty parent container samples are at SRNL
- Other samples are at LANL- finished counting-prepping to ship to SRNL
- Looking into de-nesting the SWBs- opening SWB's taking out non-nitrate waste containers- 14 SWBs- will allow to narrow down the cause of H2 production
- LANL Nuclear High Hazard group is looking into process- close to being able to move forward on this
- Causal analysis on Nitrate Salt (beak down at WCRRF which led to the adding of organic kitty litter) completed draft report-
 - will be framework for corrective actions for resumption of processing waste through the WCRRF
 - NMED asked for final report during the 10am LANL-NMED call
- Internal meeting of Friday to discuss preparations for nitrate waste remediation- hope to report more on next Tuesday's call
- Working on NMED info requests- due Sept. 19 and Sept. 30
- Working with NMED to schedule meetings- cementation experiment tour

WCS

- All temperature readings are good, no concerns
- Waste temps are at 100°-109 °F range
- Used to be 140°-160° F range

WIPP

- Still rolling back the underground
- Roof bolting is one primary goal- have 2 diesel roof bolters available (only 1 deployable at a time b/c of available ventilation)- hybrid electric bolter is about 6-8 months away
- Project reach team is in Ohio for final training on boom equipment

- Boom has been deployed in Ohio with 15lb weight at end- meets specs
- Expect boom to be in Carlsbad week of Sept. 22- mock up deployment at EPD in town
- WIPP looking into working 24/7 to map Panel 7, Room 7
- LANL asked to be kept in loop of Panel 7, Room 7 logistics to be able to provide experts to observe and aid in room mapping
- Next call will be on Thursday morning

WIPP RECOVERY 1:00 DAILY MEETING ACTION LIST

Revised 9/5/2014a

	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	Closed. 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 respond to media requests in a timely manner. Report will be released piecemeal (Peake). <ul style="list-style-type: none"> • Dose modeling/ CAP-88 - released 8/28. • Inspection report from April – week of 9/8
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)
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

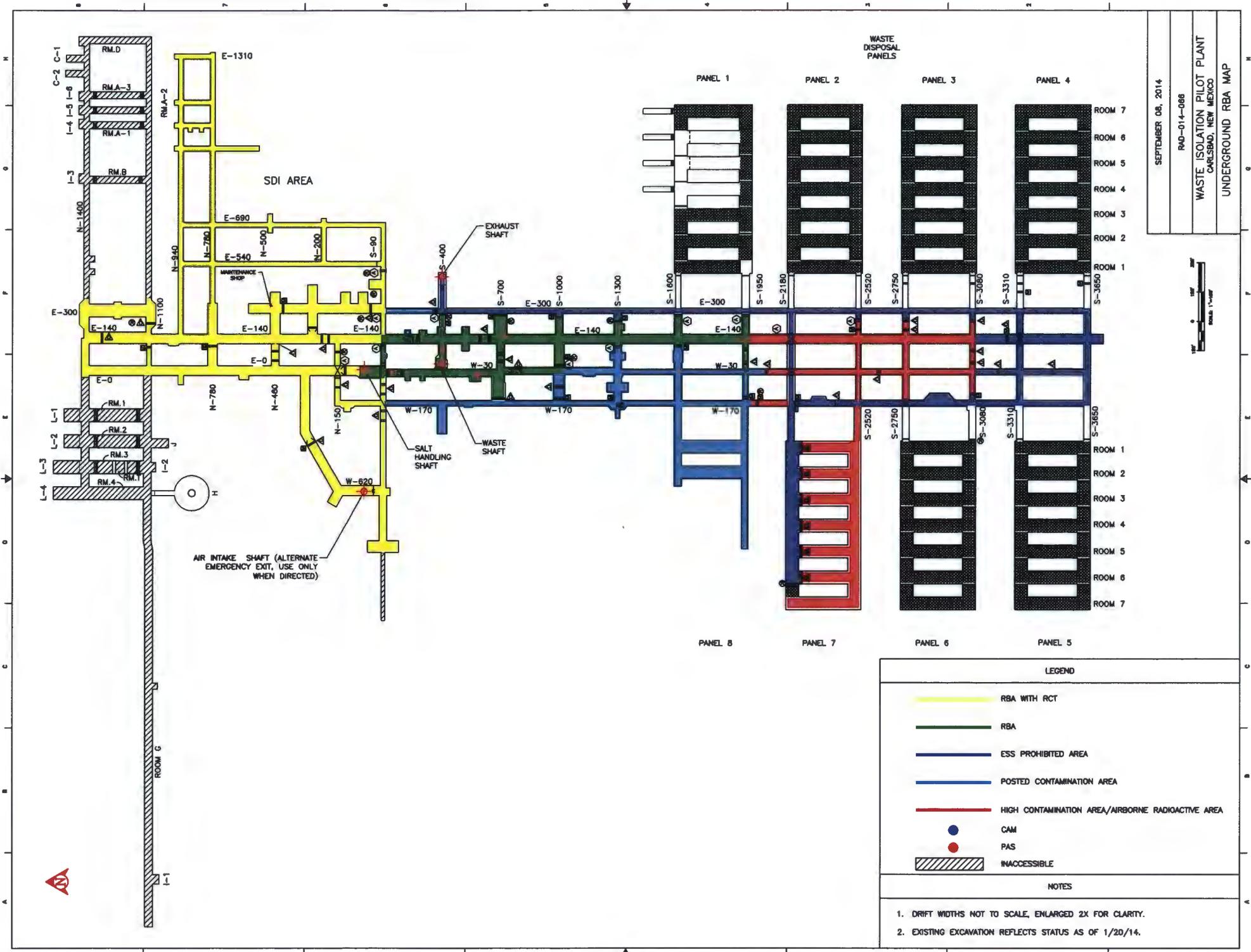
Revised 9/5/2014a

	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		<u>Closed</u> . Per S. Holmes email.
96	08/07/14	Trais Kliphuis	Discuss underground VOC monitoring when personnel are in the underground.	Basabilvazo/Chavez		<u>Closed</u> 9/4/14.
97	08/12/14	Ricardo Maestas	Provide the timeframe when the recovery project plan will become available to the regulators	Basabilvazo/Patterson		Additional questions 8/26 - When will the final plan be available to regulators? Can verbal summary be captured in daily email? What will be released to public in 9/18 Town Hall meeting?
99	08/26/14	Trais Kliphuis	Status of the procurement of the hybrid diesel bolter.	Jones		Procurement is in process.
100	08/26/14	Trais Kliphuis	What is the estimated date of when the waste hoist will be operational?	Jones		Currently addressing maintenance issue. Exact date is unknow at this time.
101	08/26/14	Trais Kliphuis & Nick Stone	Requested an AIB representative participate in future weekly calls. If not AIB, a LANL representative.			<u>Closed</u> . Ted Wyka is scheduled to call in on 9/9. N. Stone is interested in the AIB's timeline and the status of progress in identifying the cause of the release.
102	08/26/14	Nick Stone & Tom Peake	Requested a LANL representative participate in future weekly calls, especially related to the root cause analysis of what caused the release. Also requested written status be provided in daily email updates.	LANL (Maggiore)		LANL (Maggiore) has been tasked with providing this information.

WIPP RECOVERY 1:00 DAILY MEETING ACTION LIST

Revised 9/5/2014a

	A	B	C	D	E	F
104	08/26/14	Tom Peake	Requested briefing on changes to underground ventilation system and if monitoring is capturing representativeness.	Patterson		CBFO (Patterson) is working with EPA (ORIA and Region 6) staff and management to schedule a meeting.
105	08/26/14	Trais Kliphuis	Requested a copy of the SWR test results.	LANL (Maggiore)		LANL (Maggiore) has been tasked with providing this information.



SEPTEMBER 08, 2014
 RAD-014-066
 WASTE ISOLATION PILOT PLANT
 CARLSBAD, NEW MEXICO
 UNDERGROUND RBA MAP



LEGEND	
	RBA WITH RCT
	RBA
	ESS PROHIBITED AREA
	POSTED CONTAMINATION AREA
	HIGH CONTAMINATION AREA/AIRBORNE RADIOACTIVE AREA
	CAM
	PAS
	INACCESSIBLE

NOTES

1. DRIFT WIDTHS NOT TO SCALE, ENLARGED 2X FOR CLARITY.
2. EXISTING EXCAVATION REFLECTS STATUS AS OF 1/20/14.