

**Allen, Pam, NMENV**

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**From:** Maestas, Ricardo, NMENV  
**Sent:** Thursday, March 06, 2014 2:22 PM  
**To:** Allen, Pam, NMENV  
**Subject:** FW: Update on DOE Oversight Bureau Ambient Air Monitoring System  
**Attachments:** Air\_DPR\_WIPP.jpg; Air\_DPR\_Regional.jpg

WIPP file  
Email and attachments

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**From:** Kliphuis, Trais, NMENV  
**Sent:** Friday, February 21, 2014 4:12 PM  
**To:** Stone, Nick ([stone.nick@epa.gov](mailto:stone.nick@epa.gov)); Maestas, Ricardo, NMENV; Holmes, Steve, NMENV; Smith, Coleman, NMENV  
**Subject:** FW: Update on DOE Oversight Bureau Ambient Air Monitoring System

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**From:** LucasKamat, Susan, NMENV  
**Sent:** Friday, February 21, 2014 4:00 PM  
**To:** Flynn, Ryan, NMENV; Kliphuis, Trais, NMENV; Skibitski, Thomas, NMENV  
**Cc:** Kieling, John, NMENV; Blaine, Tom, NMENV; Schwender, Erika, NMENV; Kendall, Françoise; Kendall, Jeff, NMENV; Tongate, Butch, NMENV  
**Subject:** Update on DOE Oversight Bureau Ambient Air Monitoring System

The latest status update for the DOE Oversight Bureau ambient air monitoring system in Carlsbad is below

Trais Kliphuis requested the services of NWP employee Tom Kesterson, who worked as an environmental scientist with the WIPP Oversight Section until August last year. Tom and Steve were able to access all four (4) ambient air monitoring locations.

There are five (5) ambient air monitors at these four (4) monitoring locations:

LVAS 1	Salt Shaft	
LVAS 2	Far Field	may be the CEMRC Near Field Site
LVAS 3	Met Tower	co-located CEMERC
LVAS 7	Met Tower (duplicate)	
LVAS 9	Southeast Control	co-located CEMRC Cactus Flats

Please see the attached maps with the locations for our air and direct penetrating radiation monitors.

Steve was able to start air monitors LVAS 1, LVAS 2 and LVAS 3.

LVAS 1 is operational, but the flow is not within NMED DOE OB specs. Steve was going to revisit the site this afternoon to see if he could get the flow within range.

LVAS 7 is being held in reserve in case we need to cannibalize it for spare parts/equipment.

LVAS 9 is co-located with the CEMRC monitors on the CEMRC Cactus Flats parcel. The electricity to our unit was not operational. I have contacted Russell Hardy and Jim Monk with CEMRC to see what process we need to follow to get an electrician to the site.

I have talked with our contract laboratory about expedited analysis of the samples from the ambient air system. Our normal 45-day turn-around is a result of the time period required to digestion and then count the alpha/beta radiation of a composite quarterly sample that contains 12-13 filters per location. (In the case of the exhaust air filters, the monthly composite is 28-40 filters.) If we analyze one (1) filter from each sample location we can reduce the turn-around to 1-2 weeks. If we want to analyze the filters individually for several weeks/months, the lab would go more towards a 2-3 week turn-around.

Regards,

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