



Allen, Pam, NMENV

From: Maestas, Ricardo, NMENV
Sent: Thursday, March 06, 2014 2:36 PM
To: Allen, Pam, NMENV
Subject: FW: CEMRC ambient samples and results to date
Attachments: CEMRC Ambient Air Sampling Results Following 2-14-14 Radiation Detection Event.pdf

Email and attachment for WIPP file

From: Kieling, John, NMENV
Sent: Tuesday, February 25, 2014 4:12 PM
To: Maestas, Ricardo, NMENV; Smith, Coleman, NMENV
Subject: Fwd: CEMRC ambient samples and results to date

Sent from my Verizon Wireless 4G LTE smartphone

----- Original message -----

From: "LucasKamat, Susan, NMENV"
Date: 02/25/2014 3:26 PM (GMT-07:00)
To: "Skibitski, Thomas, NMENV" ,"Kliphuis, Trais, NMENV"
Cc: "Flynn, Ryan, NMENV" ,"Kendall, Jeff, NMENV" ,"Winchester, Jim, NMENV" ,"Schwender, Erika, NMENV" ,"Blaine, Tom, NMENV" ,"Kieling, John, NMENV"
Subject: FW: CEMRC ambient samples and results to date

FYI:
CEMRC results for the ambient air filters.

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From: Russell Hardy [<mailto:rhardy@nmsu.edu>]
Sent: Tuesday, February 25, 2014 1:30 PM
To: Roger Nelson (rnelson@wipp.ws); Oba Vincent (oba.vincent@cbfo.doe.gov); Van Luik, Abraham - DOE (abraham.vanluik@wipp.ws); Mager, Donovan - NWP (donavan.mager@wipp.ws); Deb Gil (deb.gill@wipp.ws)
Cc: Mansour Akbarzadeh; Don Reed; LucasKamat, Susan, NMENV
Subject: CEMRC ambient samples and results to date

Good afternoon, attached is a graphic showing the three CEMRC ambient sampling sites and the results derived to date.

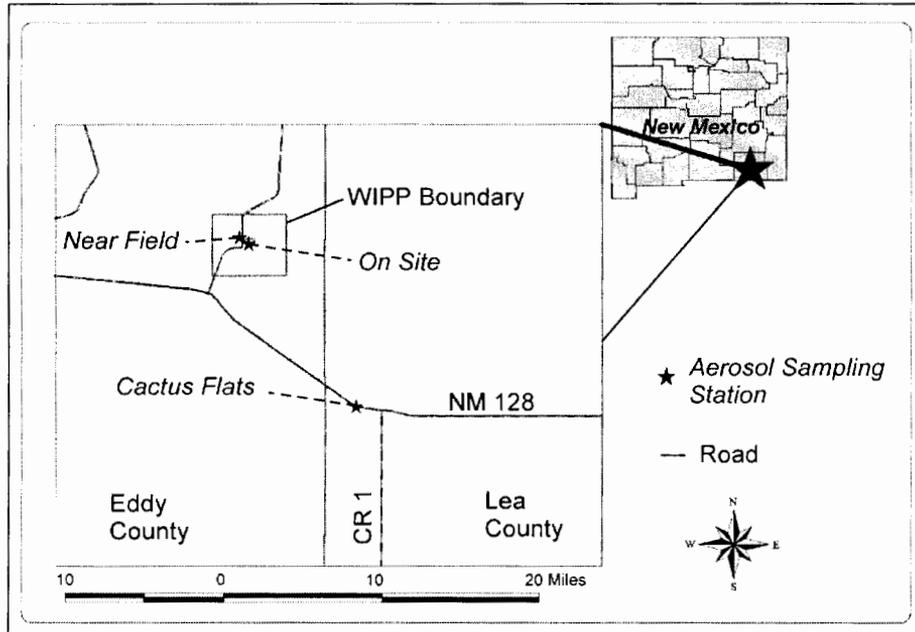


Just so you know, I am planning on waiting until we get our station A and B results before I write up a press release and send anything to the press; however, this graphic will be uploaded onto our website shortly so some may pick it up there.

Thanks and let me know if you have any questions or need any additional information.

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CEMRC Ambient Air Sampling Results To-Date Following 2/14/14 Radiation Detection Event at WIPP



| Sampling Station | Isotope | Measurements | Measurements | Pre-Event High Activity |
|-------------------------------------|-----------|--------------------------------|--------------------------------|---|
| On-Site | | 2/11 - 2/18 Sample Time | | |
| | Pu239+240 | 0.115 Bq per sample | | 0.004 Bq per sample* |
| 109 Yards NW of WIPP Exhaust Shaft | Pu238 | 0.004 Bq per sample | | no detection |
| | Am241 | 1.3 Bq per sample | | 0.0005 Bq per sample* |
| Near Field | | 2/11 - 2/16 Sample Time | 2/16 - 2/18 Sample Time | <i>*This is the highest measurement of all three sites since sampling began in 1997</i> |
| | Pu239+240 | 0.0457 Bq per sample | no detection | |
| | Pu238 | no detection | no detection | |
| 0.6 Miles NW of WIPP Exhaust Shaft | Am241 | 0.645 Bq per sample | 0.007 Bq per sample | |
| Cactus Flats | | 2/11 - 2/16 Sample Time | 2/16 - 2/18 Sample Time | |
| | Pu239+240 | no detection | no detection | |
| | Pu238 | no detection | no detection | |
| 11.8 Miles SE of WIPP Exhaust Shaft | Am241 | no detection | * Sample Being Reanalyzed | |