

Allen, Pam, NMENV

From: Maestas, Ricardo, NMENV
Sent: Thursday, March 06, 2014 2:55 PM
To: Allen, Pam, NMENV
Subject: FW: Solar Air Sampler
Attachments: Solar Trailer 1 20140303.jpg; Solar Trailer 2 20140303.jpg; Solar Trailer 3 20140303.jpg

Email and attachment for WIPP file

From: Kliphuis, Trais, NMENV
Sent: Monday, March 03, 2014 12:51 PM
To: Maestas, Ricardo, NMENV; Smith, Coleman, NMENV; Holmes, Steve, NMENV
Subject: FW: Solar Air Sampler

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From: Skibitski, Thomas, NMENV
Sent: Monday, March 03, 2014 10:52 AM
To: George Brozowski (brozowski.george@epa.gov); Schwender, Erika, NMENV; Tongate, Butch, NMENV; Blaine, Tom, NMENV; Kieling, John, NMENV; Kliphuis, Trais, NMENV; LucasKamat, Susan, NMENV
Cc: Flynn, Ryan, NMENV
Subject: Solar Air Sampler

George,

Attached are the images you requested. Inside the "birdhouse" is a standard low volumetric rate particulate air sampler, similar to those already deployed. It has been modified to operate continuously off batteries charged by the solar panels.

As we discussed, I am thinking about setting it up on Stephanie Mobley's ranch and will contact her later today. I think her location is about 3 miles east of WIPP. My reasoning considers that a significant air monitoring effort is dedicated downwind in the prevailing direction. The advantage of setting up this unit on her ranch is that she is the closet continually living family in the neighborhood and I understand hers to be a working ranch.

The trailer can be set up without need for connection to a power grid (it cost about \$70 a month in electricity to run an air motor) so it can be set up anywhere. If it only measures background on her ranch, that is good information to know. Similarly, if it detects something we can measure it.

I am open to suggestion and I will consider better/other options when presented.

Leaving now, a bit behind schedule, see you this afternoon.

TS

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