

**Allen, Pam, NMENV**

**From:** Maestas, Ricardo, NMENV  
**Sent:** Thursday, October 01, 2015 9:54 AM  
**To:** Allen, Pam, NMENV  
**Subject:** FW: background data

**From:** George Basabilvazo [<mailto:george.basabilvazo@cbfo.doe.gov>]  
**Sent:** Friday, March 13, 2015 9:49 AM  
**To:** Maestas, Ricardo, NMENV  
**Subject:** background data

Ricardo,

Included below is a portion of the Station A and B filter measurements that is posted on our WIPP Web page and periodically updated; two tables for Station B and one table for Station A . I put this together for you in case you get asked questions about the measurements before and/or after. As I mentioned, and as you can observe in the tables, the measurements returned to very small (current normal) values for station A and/or <MDA for station B.

Each time we have switched to the 860 A fan we have observed a slight increase in the dpm measurements at the Station B filter (the contamination is probably from residual material in the plenum, duct work and/or motor housing of 860 A fan). In addition, based on the three data points related to the restart of 860 A fan there appears to be a decreasing trend (see below). The preliminary information I received from the Saturday March 7<sup>th</sup> switch from 860 B fan to the 860 A fan is the measurements at Station B when the 860 A fan was restarted were 12.37 dpm alpha and 4.79 dpm beta (after 72 hour decay period). This data is not posted on our web site yet. One last reminder, the current plan is to begin switching the 860 fans about every 30 days. We will let Susan Lucas Kamat know when the restart of the 860 A fan is planned to take place so she (and her staff) can maintain awareness.

**Station B**

- 10/21/14 – 72 dpm alpha / 9 dpm beta
- 02/17/15 - 52 dpm alpha / 9 dpm beta
- 03/07/15 – 12 dpm alpha / 5 dpm beta (I rounded)

I hope this is helpful. Please let me know if you have questions.

Best regards,  
 George

**STATION A – Before HEPA Filtration**

Date/Time Installed	Date/Time Removed	Alpha (dpm)	Beta (dpm)
02/23/2015 04:35 PM	02/24/2015 07:45 AM	2	4
02/23/2015 07:45 AM	02/23/2015 04:35 PM	1	<MDA
02/22/2015 07:55 AM	02/23/2015 07:45 AM	3	2
02/21/2015 07:55 AM	02/22/2015 07:55 AM	2	6
02/20/2015 07:35 AM	02/21/2015 07:55 AM	5	3
02/19/2015 03:00 PM	02/20/2015 07:35 AM	8	13
02/19/2015 07:35 AM	02/19/2015 03:00 PM	5	3



02/18/2015 09:00 PM	02/19/2015 07:35 AM	3	4
02/18/2015 07:30 AM	02/18/2015 09:00 PM	8	4
02/17/2015 07:35 AM	02/18/2015 07:30 AM	61	12
02/16/2015 07:35 AM	02/17/2015 07:35 AM	6	7
02/15/2015 07:50 AM	02/16/2015 07:35 AM	6	10
02/14/2015 08:05 AM	02/15/2015 07:50 AM	6	5

**STATION B – After HEPA Filtration**

Date/Time Installed	Date/Time Removed	Alpha (dpm)	Beta (dpm)
02/23/2015 08:05 AM	02/24/2015 08:05 AM	<MDA	<MDA
02/22/2015 08:50 AM	02/23/2015 08:05 AM	2	<MDA
02/21/2015 08:35 AM	02/22/2015 08:50 AM	2	<MDA
02/20/2015 08:00 AM	02/21/2015 08:35 AM	<MDA	<MDA
02/19/2015 08:00 AM	02/20/2015 08:00 AM	2	<MDA
02/18/2015 07:45 AM	02/19/2015 08:00 AM	10	3
02/17/2015 07:50 AM	02/18/2015 07:45 AM	52	9
02/16/2015 07:55 AM	02/17/2015 07:50 AM	1	<MDA
02/15/2015 08:20 AM	02/16/2015 07:55 AM	2	4
02/14/2015 08:50 AM	02/15/2015 08:20 AM	<MDA	<MDA
02/13/2015 07:45 AM	02/14/2015 08:50 AM	<MDA	<MDA

**STATION B – After HEPA Filtration**

Date/Time Installed	Date/Time Removed	Alpha (dpm)	Beta (dpm)
11/02/2014 08:30 AM	11/03/2014 07:50 AM	8	<MDA
11/01/2014 08:00 AM	11/02/2014 08:30 AM	2	<MDA
10/31/2014 07:55 AM	11/01/2014 08:00 AM	3	<MDA
10/30/2014 07:55 AM	10/31/2014 07:55 AM	3	7
10/29/2014 08:05 AM	10/30/2014 07:55 AM	1	<MDA
10/28/2014 07:50 AM	10/29/2014 08:05 AM	<MDA	<MDA
10/27/2014 08:00 AM	10/28/2014 07:50 AM	3	<MDA
10/26/2014 07:50 AM	10/27/2014 08:00 AM	2	<MDA
10/25/2014 08:45 AM	10/26/2014 07:50 AM	2	<MDA
10/24/2014 08:00 AM	10/25/2014 08:45 AM	1	10
10/23/2014 08:00 AM	10/24/2014 08:00 AM	4	4
10/22/2014 07:50 AM	10/23/2014 08:00 AM	5	1
10/21/2014 07:40 AM	10/22/2014 07:50 AM	72	9
10/20/2014 09:40 AM	10/21/2014 07:40 AM	3	<MDA
10/19/2014 07:55 AM	10/20/2014 09:40 AM	2	4
10/18/2014 07:25 AM	10/19/2014 07:55 AM	<MDA	<MDA
10/17/2014 08:05 AM	10/18/2014 07:25 AM	<MDA	<MDA
10/16/2014 07:47 AM	10/17/2014 08:05 AM	2	4
10/15/2014 07:45 AM	10/16/2014 07:47 AM	<MDA	3
10/14/2014 07:55 AM	10/15/2014 07:45 AM	<MDA	3
10/13/2014 07:45 AM	10/14/2014 07:55 AM	<MDA	<MDA
10/12/2014 07:45 AM	10/13/2014 07:45 AM	1	2
10/11/2014 08:10 AM	10/12/2014 07:45 AM	<MDA	<MDA
10/10/2014 08:15 AM	10/11/2014 08:10 AM	<MDA	<MDA