



Allen, Pam, NMENV

From: Oba Vincent <oba.vincent@cbfo.doe.gov>
Sent: Wednesday, February 26, 2014 12:33 PM
To: Kliphuis, Trais, NMENV; 'peake.tom@epa.gov'; 'Edwards, Jonathan'; 'Walsh, Jonathan'; 'Perrin, Alan'; 'Bob.Kehrman@wipp.ws'; 'Rick.Chavez@wipp.ws'; 'Stone.Nick@epa.gov'; Smith, Coleman, NMENV
Cc: George Basabilvazo - WIPPNet; 'Reynolds, Tammy - NWP (Tammy.Reynolds@wipp.ws)'; 'Pace, Berry (Berry.Pace@wipp.ws)'; Alton.Harris@em.doe.gov
Subject: Sampling data for today's call
Attachments: CEMRC-On-SiteData 25 Feb 2014.pptx; Station A and B Filter Readings 25 Feb 2014.xlsx; Station A and B Charts 25 Feb 2014.xlsx; CEMRC Radiation Detection Sampling Schedule Timeline 2-24-14.xlsx

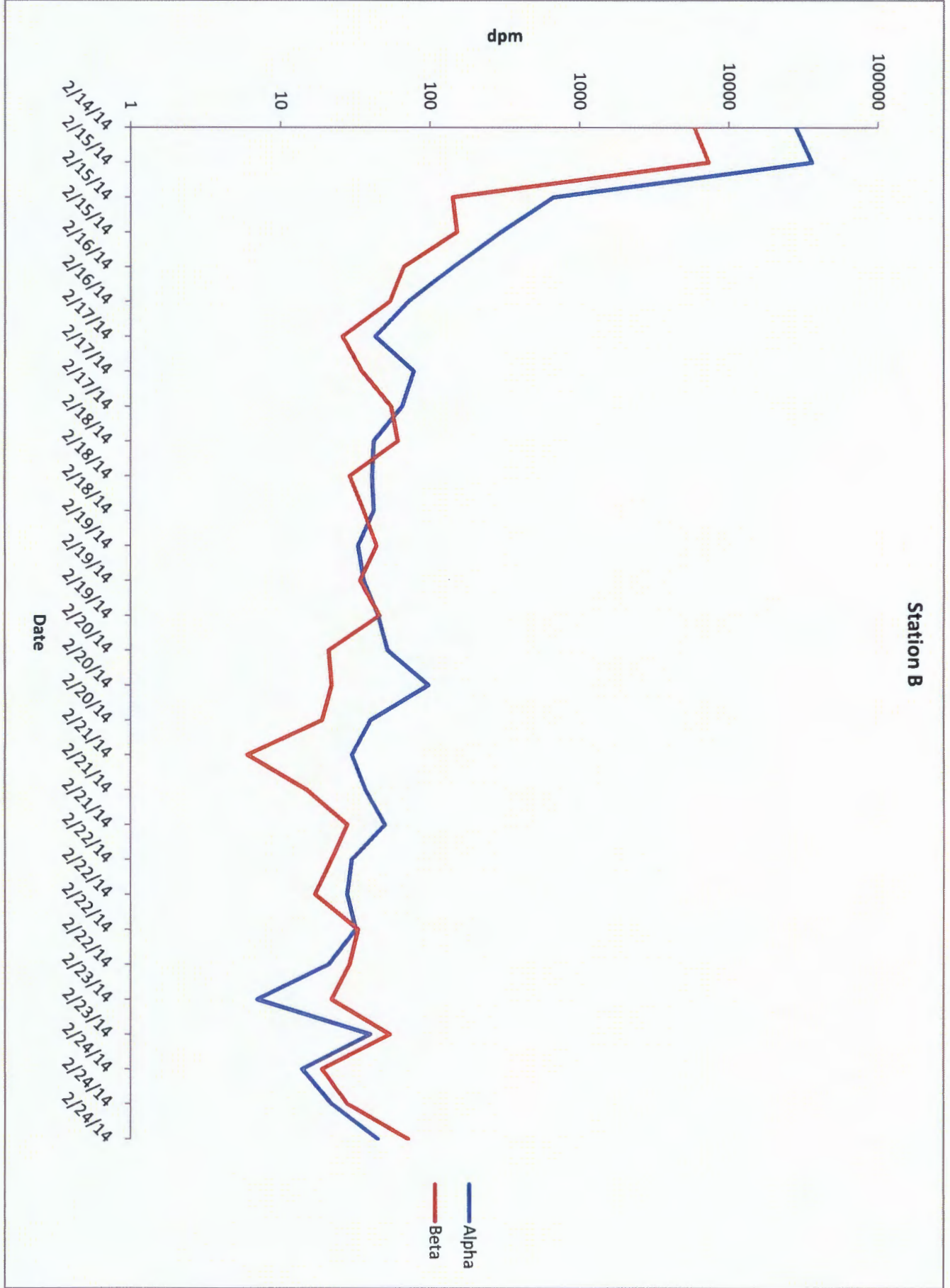
Attached is the sample data for today's call. I have included the CEMRC data from yesterday, we didn't get any new environmental data from the WIPP labs.

Thanks

Oba

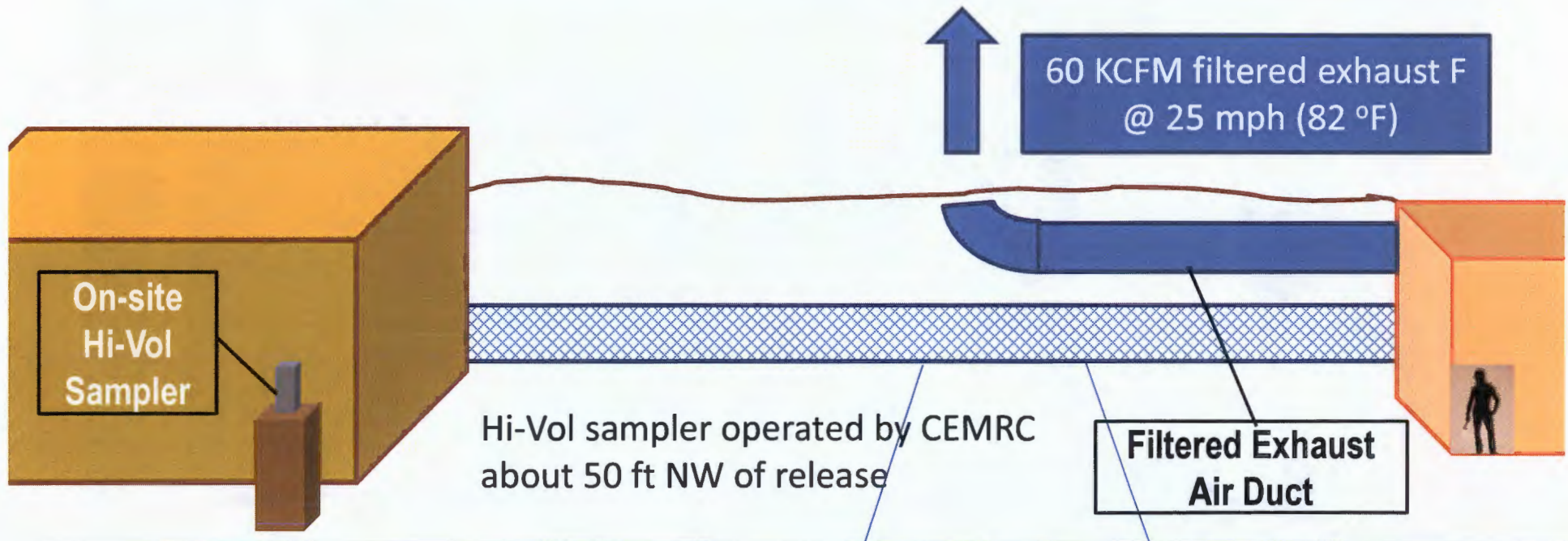


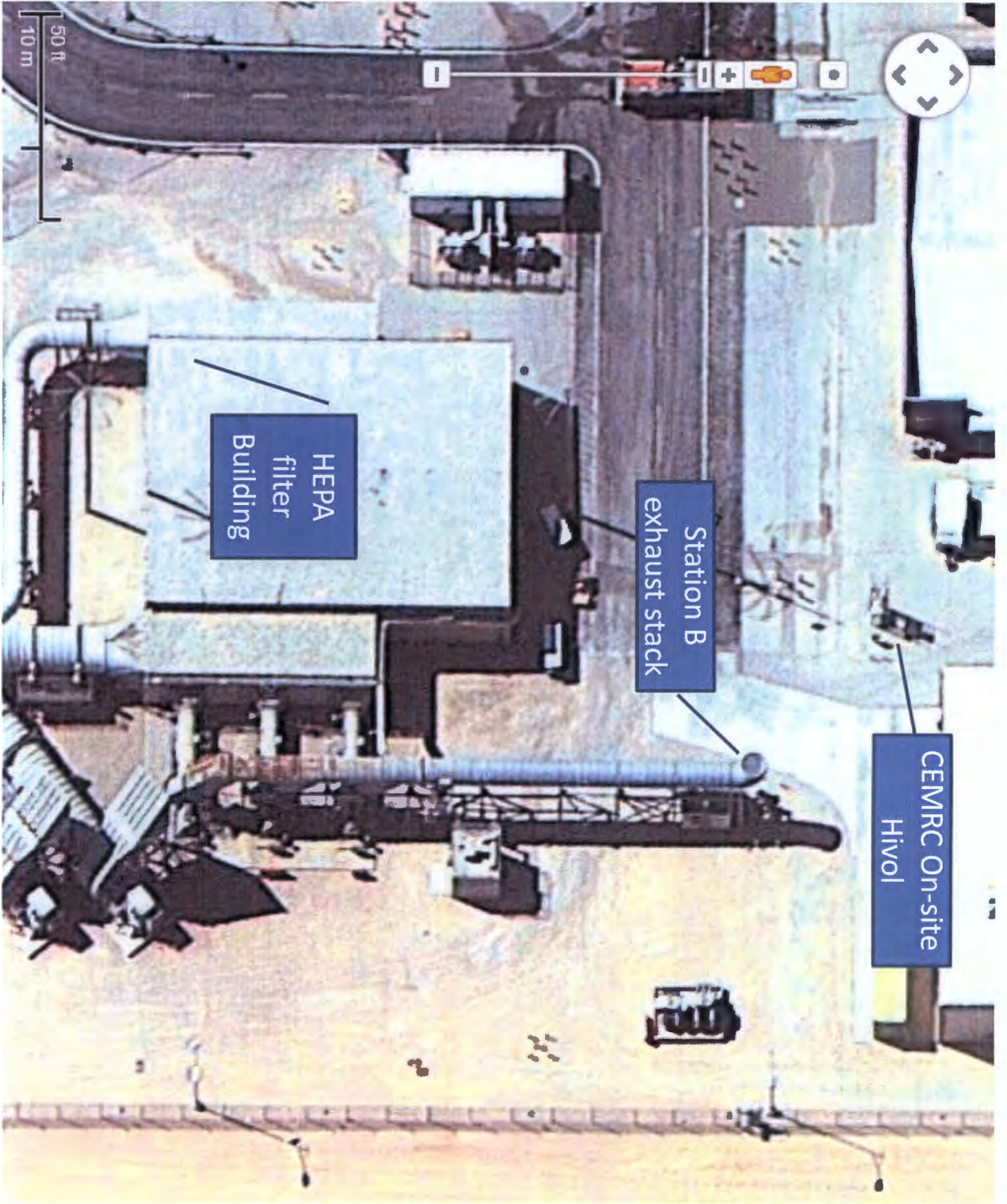
Station B



Latest (new) sample results from on-site Hi-Vol that “captured” the release

| Sampling Site | Date Installed | Time Installed | Date Removed | Time Removed | Date Rec. @ CEMRC | Time Rec. @ CEMRC | Date Anal. Started | Analysis Completed | Results |
|-----------------------|------------------|----------------|------------------|--------------|-------------------|-------------------|--------------------|--------------------|--|
| Near Field Hi-Vol | 2/11/2014 | 11:54 | 2/16/2014 | 9:02 | 2/16/2014 | 13:00 | 2/16/2014 | 2/19/2014 | 0.64Bq 241Am and 0.046Bq 239+240Pu |
| Near Field Hi-Vol | 2/16/2014 | 9:10 | 2/18/2014 | 10:03 | 2/18/2014 | 13:12 | 2/21/2014 | 2/24/2014 | 0.007Bq 241Am, no detect on Pu isotopes |
| Near Field Hi-Vol | 2/18/2014 | 10:03 | 2/25/2014 | | | | | | |
| Cactus Flats Hi-Vol | 2/11/2014 | 12:39 | 2/16/2014 | 9:37 | 2/16/2014 | 13:00 | 2/16/2014 | 2/19/2014 | No detection above background |
| Cactus Flats Hi-Vol | 2/16/2014 | 9:41 | 2/18/2014 | 10:43 | 2/18/2014 | 13:12 | 2/21/2014 | 2/24/2014 | No detection above background |
| Cactus Flats Hi-Vol | 2/18/2014 | 10:43 | 2/25/2014 | | | | | | |
| On-Site Hi-Vol | 2/11/2014 | 10:16 | 2/18/2014 | 9:05 | 2/18/2014 | 13:12 | 2/21/2014 | 2/24/2014 | 1.3Bq 241Am; 0.115Bq 239+240Pu; 0.004Bq 238Pu |





HEPA
filter
Building

Station B
exhaust stack

CEMRC On-site
Hivoli

50 ft
10 m

Preliminary Information-Not for Public Release

Station B (B-1-3) Downstream of the HEPA filters

| Date | Time Installed | Time Removed | Filter ID | Inst Model | Count Time | Alpha (dpm) | Beta (dpm) | First Count | Alpha (dpm) | Beta (dpm) | Re-count | Location |
|---------|-----------------|--------------------|---------------|-----------------|------------|-------------|------------|-------------|-------------------|----------------|---|--------------|
| 2/14/14 | 2/14/14 0754 | 2/15/14 0835 | B13021414 | Tennelec XLB | 10 Mins | 28205 | 5877 | 021514/0850 | | | | WIPP Labs |
| 2/15/14 | 2/15/14 0835 | 2/15/14 1445 | B13021514 | Tennelec XLB | 10 Mins | 36194 | 7340 | | | | | SRS Labs |
| 2/15/14 | 2/15/14 1445 | 2/15/14 2305 | B130215141445 | Tennelec XLB | 10 Mins | 671 | 142 | 021714/1056 | | | | On-Site |
| 2/15/14 | 2/15/14 2305 | 2/16/14 0904 | B130215142305 | Tennelec XLB | 10 Mins | 300 | 152 | 021614/0932 | 253 245 240 | 63 59 49 | 021614/1127 021614/1250 021614/1741 | On-Site |
| 2/16/14 | 2/16/14 0904 | 2/16/14 1705 | B130216140904 | Tennelec XLB | 10 Mins | 144 | 67 | 021614/1755 | | | | On-Site |
| 2/16/14 | 2/16/14 1705 | 2/17/201 4 0030 | B130216141705 | Tennelec XLB | 10 Mins | 72 | 54 | 021714/0046 | 62 | 18 | 021714/1203 | On-Site |
| 2/17/14 | 2/17/14 0030 | 2/17/14 0805 | B130216140030 | Tennelec XLB | 10 Mins | 43 | 26 | 021714/0930 | 30 32 | 23 16 | 021714/0955 021714/1400 | On-Site |
| 2/17/14 | 2/17/14 0805 | 2/17/14 1600 | B130217140805 | Tennelec XLB | 10 Mins | 78 | 35 | 021714/1650 | 58 24 | 20 13 | 021714/1958 021814/1823 | On-Site |
| 2/17/14 | 2/17/14 1600 | 2/18/14 0030 | B130217141600 | Tennelec XLB | 10 Mins | 65 | 55 | 021814/0051 | 45 36 | 18 12 | 021814/0423 021814/0751 | On-Site |
| 2/18/14 | 2/18/14 0030 | 2/18/14 0901 | B130218140030 | Tennelec XLB | 10 Mins | 42 | 61 | 021814/0928 | 23 | 12 | 021814/1202 | On-Site |
| 2/18/14 | 2/18/14 0901 | 2/18/14 1655 | B130218140901 | Tennelec XLB | 10 Mins | 41 | 29 | 021814/1754 | 28 | 7 | 021914/0315 | On-Site |
| 2/18/14 | 2/18/14 1655 | 2/19/14 0105 | B130218141655 | Tennelec XLB | 10 Mins | 42 | 36 | 021914/0144 | 20 | 7 | 021914/0547 | On-Site |
| 2/19/14 | 2/19/14 0105 | 2/19/14 0900 | B130219140105 | Tennelec XLB | 10 Mins | 33 | 44 | 021914/0952 | 20 | 15 | 021914/1222 | On-Site |

Preliminary Information-Not for Public Release

Station B (B-1-3) Downstream of the HEPA filters

| Date | Time Installed | Time Removed | Filter ID | Inst Model | Count Time | Alpha (dpm) | Beta (dpm) | First Count | Alpha (dpm) | Beta (dpm) | Re-count | Location |
|---------|-----------------|-----------------|---------------|-----------------|------------|-------------|------------|-------------|-------------|------------|-------------|----------|
| 2/19/14 | 2/19/14 0900 | 2/19/14 1627 | B130219140900 | Tennelec XLB | 10 Mins | 36 | 34 | 021914/1708 | 25 | 10 | 021914/2036 | On-Site |
| 2/19/14 | 2/19/14 1627 | 2/20/14 0035 | B130219141627 | Tennelec XLB | 10 Mins | 45 | 46 | 022014/0107 | 25 | 9 | 022014/0359 | On-Site |
| 2/20/14 | 2/20/14 0035 | 2/20/14 0852 | B130220140035 | Tennelec XLB | 10 Mins | 52 | 21 | 022014/1035 | 38 | 14 | 022014/1226 | On-Site |
| 2/20/14 | 2/20/14 0852 | 2/20/14 1654 | B130220140852 | Tennelec XLB | 10 Mins | 98 | 22 | 022014/1838 | 101 | 23 | 022014/2211 | On-Site |
| 2/20/14 | 2/20/14 1654 | 2/21/14 0038 | B130220141654 | Tennelec XLB | 10 Mins | 40 | 19 | 022114/0204 | 33 | 11 | 022114/0521 | On-Site |
| 2/21/14 | 2/21/14 0038 | 2/21/14 0820 | B130221140038 | Tennelec XLB | 10 Mins | 30 | 6 | 022114/1027 | 27 | 12 | 022114/1532 | On-Site |
| 2/21/14 | 2/21/14 0820 | 2/21/14 1600 | B130221140820 | Tennelec XLB | 10 Mins | 37 | 15 | 022114/1654 | 41 | 12 | 022114/2028 | On-Site |
| 2/21/14 | 2/21/14 1600 | 2/22/14 0019 | B130221141600 | Tennelec XLB | 10 Mins | 50 | 28 | 022214/0125 | 42 | 14 | 022214/0358 | On-Site |
| 2/22/14 | 2/22/14 0019 | 2/22/14 0810 | B130222140019 | Tennelec XLB | 10 Mins | 30 | 22 | 022214/0946 | 19 | 12 | 022214/1151 | On-Site |
| 2/22/14 | 2/22/14 0810 | 2/22/14 1615 | B130222140810 | Tennelec XLB | 10 Mins | 28 | 17 | 022214/1713 | 22 | 10 | 022214/2004 | On-Site |
| 2/22/14 | 2/22/14 1615 | 2/22/14 2356 | B130222141615 | Tennelec XLB | 10 Mins | 32 | 33 | 022314/0047 | 22 | 9 | 022314/0404 | On-Site |
| 2/22/14 | 2/22/14 2356 | 2/23/14 0810 | B130222142356 | Tennelec XLB | 10 Mins | 21 | 29 | 022314/0938 | 19 | 17 | 022314/1227 | On-Site |
| 2/23/14 | 2/23/14 0810 | 2/23/14 1605 | B130223140810 | Tennelec XLB | 10 Mins | 7 | 22 | 022314/1642 | 17 | 7 | 022314/2010 | On-Site |
| 2/23/14 | 2/23/14 1605 | 2/23/14 0015 | B130223141605 | Tennelec XLB | 10 Mins | 40 | 54 | 022414/0054 | 19 | 13 | 022414/0401 | On-Site |
| 2/24/14 | 2/24/14 0015 | 2/24/14 0846 | B130224140015 | Tennelec XLB | 10 Mins | 14 | 19 | 022414/1136 | 14 | 14 | 022414/1540 | On-Site |

| Sampling Site | Date Installed | Time Installed | Date Removed | Time Removed | Date Rec. @ CEMRC | Time Rec. @ CEMRC | Date Anal. Started | Date Analysis Completed | Results |
|---------------------|----------------|----------------|--------------|--------------|----------------------|----------------------|-----------------------|------------------------------|--|
| Near Field Hi-Vol | 2/11/2014 | 11:54 | 2/16/2014 | 9:02 | 2/16/2014 | 13:00 | 2/16/2014 | 2/19/2014 | 0.64Bq 241Am and 0.046Bq 239+240Pu |
| Near Field Hi-Vol | 2/16/2014 | 9:10 | 2/18/2014 | 10:03 | 2/18/2014 | 13:12 | 2/21/2014 | 2/24/2014 | 0.007Bq 241Am, no detect on Pu isotopes |
| Near Field Hi-Vol | 2/18/2014 | 10:03 | 2/25/2014 | | | | | | |
| Cactus Flats Hi-Vol | 2/11/2014 | 12:39 | 2/16/2014 | 9:37 | 2/16/2014 | 13:00 | 2/16/2014 | 2/19/2014 | No detection above background |
| Cactus Flats Hi-Vol | 2/16/2014 | 9:41 | 2/18/2014 | 10:43 | 2/18/2014 | 13:12 | 2/21/2014 | 2/24/2014 | No detection above background; however, 241Am results are being reanalyzed due to possible lab contamination |
| Cactus Flats Hi-Vol | 2/18/2014 | 10:43 | 2/25/2014 | | | | | | |
| On-Site Hi-Vol | 2/11/2014 | 10:16 | 2/18/2014 | 9:05 | 2/18/2014 | 13:12 | 2/21/2014 | 2/24/2014 | 1.38q 241Am; 0.115Bq 239+240Pu; 0.004Bq 238Pu |
| On-Site Hi-Vol | 2/18/2014 | 9:05 | 2/25/2014 | | | | | | |
| Station A A2BU | 2/14/2014 | 7:43 | 2/15/2014 | 6:30 | 2/18/2014 | 13:00 | 2/19/2014 | Final counting, results soon | |
| Station A A2BU | 2/15/2014 | 6:30 | 2/15/2014 | 8:40 | 2/18/2014 | 13:00 | 2/19/2014 | Final counting, results soon | |
| Station A A2BU | 2/15/2014 | 8:40 | 2/15/2014 | 23:30 | 2/18/2014 | 13:00 | 2/19/2014 | Final counting, results soon | |
| Station A A2BU | 2/15/2014 | 23:30 | 2/16/2014 | 8:50 | 2/18/2014 | 13:00 | 2/19/2014 | Final counting, results soon | |
| Station A A2BU | 2/16/2014 | 8:50 | 2/16/2014 | 16:50 | 2/18/2014 | 13:00 | 2/19/2014 | Final counting, results soon | |
| Station A A2BU | 2/16/2014 | 16:50 | 2/17/2014 | 0:15 | 2/18/2014 | 13:00 | 2/19/2014 | Final counting, results soon | |
| Station A A2BU | 2/17/2014 | 0:15 | 2/17/2014 | 8:20 | 2/18/2014 | 13:00 | 2/19/2014 | Final counting, results soon | |
| Station A A2BU | 2/17/2014 | 8:20 | 2/17/2014 | 16:20 | 2/18/2014 | 13:00 | 2/19/2014 | Final counting, results soon | |
| Station A A2BU | 2/17/2014 | 16:20 | 2/18/2014 | 0:10 | 2/18/2014 | 13:00 | 2/19/2014 | Final counting, results soon | |
| Station A A2 | 2/18/2014 | 0:10 | 2/18/2014 | 8:20 | 2/18/2014 | 13:00 | 2/19/2014 | Final counting, results soon | |
| Station A A2 | 2/18/2014 | 8:20 | 2/18/2014 | 16:05 | 2/18/2014 | 19:00 | 2/21/2014 | In process | |
| Station A A2 | 2/18/2014 | 16:05 | 2/19/2014 | 0:40 | 2/19/2014 | 2:00 | 2/21/2014 | In process | |
| Station A A2BU | 2/19/2014 | 0:40 | 2/19/2014 | 8:23 | 2/19/2014 | 11:00 | 2/21/2014 | In process | |
| Station A A2BU | 2/19/2014 | 8:23 | 2/19/2014 | 16:00 | 2/19/2014 | 19:00 | 2/21/2014 | In process | |
| Station A A2 | 2/19/2014 | 16:00 | 2/20/2014 | 0:08 | 2/20/2014 | 2:00 | 2/21/2014 | In process | |
| Station A A2 | 2/20/2014 | 0:10 | 2/20/2014 | 8:17 | 2/20/2014 | 11:00 | 2/21/2014 | In process | |
| Station A A2 | 2/20/2014 | 8:17 | 2/20/2014 | 16:24 | 2/20/2014 | 19:00 | 2/21/2014 | In process | |
| Station A A2 | 2/20/2014 | 16:24 | 2/21/2014 | 0:12 | 2/21/2014 | 2:00 | 2/21/2014 | In process | |
| Station A A2 | 2/21/2014 | 0:12 | 2/21/2014 | 8:45 | 2/21/2014 | 11:00 | 2/21/2014 | In process | |
| Station B B1 | 2/14/2014 | 7:55 | 2/18/2014 | 16:55 | 2/19/2014 | 19:00 | 2/21/2014 | Final counting, results soon | |
| Station B B1 | 2/18/2014 | 16:55 | 2/19/2014 | 1:10 | 2/19/2014 | 19:00 | 2/21/2014 | Final counting, results soon | |
| Station B B1 | 2/19/2014 | 1:11 | 2/19/2014 | 9:00 | 2/19/2014 | 19:00 | 2/21/2014 | Final counting, results soon | |
| Station B B1 | 2/19/2014 | 9:00 | 2/19/2014 | 16:27 | 2/19/2014 | 19:00 | 2/21/2014 | Final counting, results soon | |
| Station B B1 | 2/19/2014 | 16:27 | 2/20/2014 | 0:35 | 2/20/2014 | 2:00 | 2/21/2014 | Final counting, results soon | |
| Station B B1 | 2/20/2014 | 0:35 | 2/20/2014 | 8:52 | 2/20/2014 | 11:00 | 2/21/2014 | Final counting, results soon | |
| Station B B1 | 2/20/2014 | 8:52 | 2/20/2014 | 16:54 | 2/20/2014 | 19:00 | 2/21/2014 | Final counting, results soon | |
| Station B B1 | 2/20/2014 | 16:54 | 2/21/2014 | 0:38 | 2/21/2014 | 2:00 | 2/21/2014 | Final counting, results soon | |
| Station B B1 | 2/21/2014 | 0:38 | 2/21/2014 | 8:28 | 2/21/2014 | 11:00 | 2/21/2014 | Final counting, results soon | |