ENTERED

## Allen, Pam, NMENV

**From:** Maestas, Ricardo, NMENV
**Sent:** Wednesday, August 13, 2014 10:27 AM
**To:** Allen, Pam, NMENV
**Subject:** FW: WIPP Information - For Call Today 1-888-413-3490, Code 7175394
**Attachments:** 41-b-856 WHT dp Daily Averages_4-22-14.pdf; 41-b-857 WHT dp Daily Averages_4-22-14.pdf; 1300 Meeting Action Items 042214.xlsx; Station A and B Filter Readings for Public Release 4-22-14.xlsx

April

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**From:** Pace, Berry [mailto:Berry.Pace@wipp.ws]
**Sent:** Wednesday, April 23, 2014 10:13 AM
**To:** Vincent, Oba - Fednet; Kliphuis, Trais, NMENV; 'peake.tom@epa.gov'; 'Edwards, Jonathan'; 'Walsh, Jonathan'; 'Perrin, Alan'; Kehrman, Bob - RES; Chavez, Rick - RES; 'Stone.Nick@epa.gov'; Smith, Coleman, NMENV; 'brozowski.george@epa.gov'; 'Fraass, Ron'; Hardy, Russell; 'Veal.Lee@epamail.epa.gov'; 'Economy, Kathleen (Economy.Kathleen@epa.gov)'; 'Poppell, Sam W. (Poppell.Sam@epa.gov)'; Maestas, Ricardo, NMENV
**Cc:** Basabilvazo, George - DOE; Reynolds, Tammy - NWP; Harris, Alton - DOE EM; McCauslin, Susan - FedNet; 'Joe Harvill (jharvill@portageinc.com)'; Kennedy, Scott - NWP; Jones, Stewart - RES; Oates, Berta - CTAC; 'schultheisz.daniel@epa.gov'; Theisen, Philip - ORISE; Patterson, Russ - DOE; Kouba, Steve - WRES; Nelson, Roger - DOE; Bignell, Dale - CTAC; McCauslin, Susan - DOE; Stone, Anthony - DOE; Stroble, J. R. - DOE
**Subject:** WIPP Information - For Call Today 1-888-413-3490, Code 7175394

Attached are the filter performance data, action items listing and Station A/B data.

Below is a summary of activities: (Please note, activities and dates are subject to change. Please verify the most current dates of any information provided).

- Underground remains in Filtration Mode utilizing Fan 860B.
- The CAM at Station B is functioning. The CAM continues to report 0.1 DAC-hrs. The alarm is set at 40 DAC-hrs. NWP returned approximately 90 additional workers to the site today.
- SS and AIS Shaft/Rope Inspections: The weekly MSHA inspection of the AIS and SS was successfully performed Monday with no issues.
- Contamination survey to the waste face (Phase 3):
  - Activity 2, 3 & 4: Entry commenced at 8:30 this morning.
- The remaining HEPA filters have been received and NWP is on schedule for complete replacement commencing on 5/12.
- The current Mod filter DPs are: 856 HEPA Bank – 1.75; 857 HEPA Bank – 1.36. The alarm set point is 3.0.
- Shipments of TRU waste from LANL to WCS continue. Ten shipments are scheduled this week (32 Total).
- Surveying of the TRUPACT-II containers scheduled for routine maintenance has been paused to revisit the safety basis documents.

**NOTE CALL-IN NUMBER: 1 888 413 3490, Code 7175394**

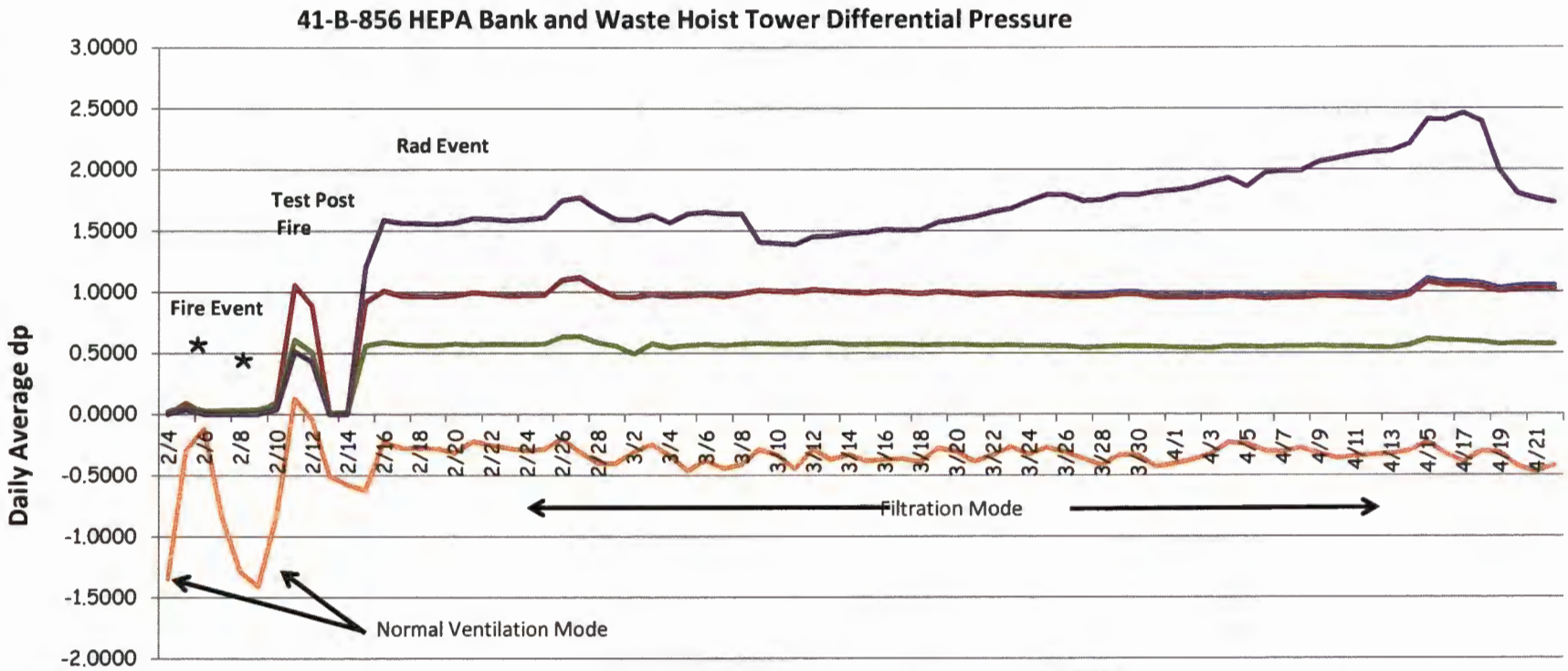
Thank you

*Berry D. Pace*



1404117

CBFO Technical Assistance Contractor – Portage, Inc.
Contractor to the Department of Energy
4021 National Parks Hwy
Carlsbad, NM 88220
575-234-7146



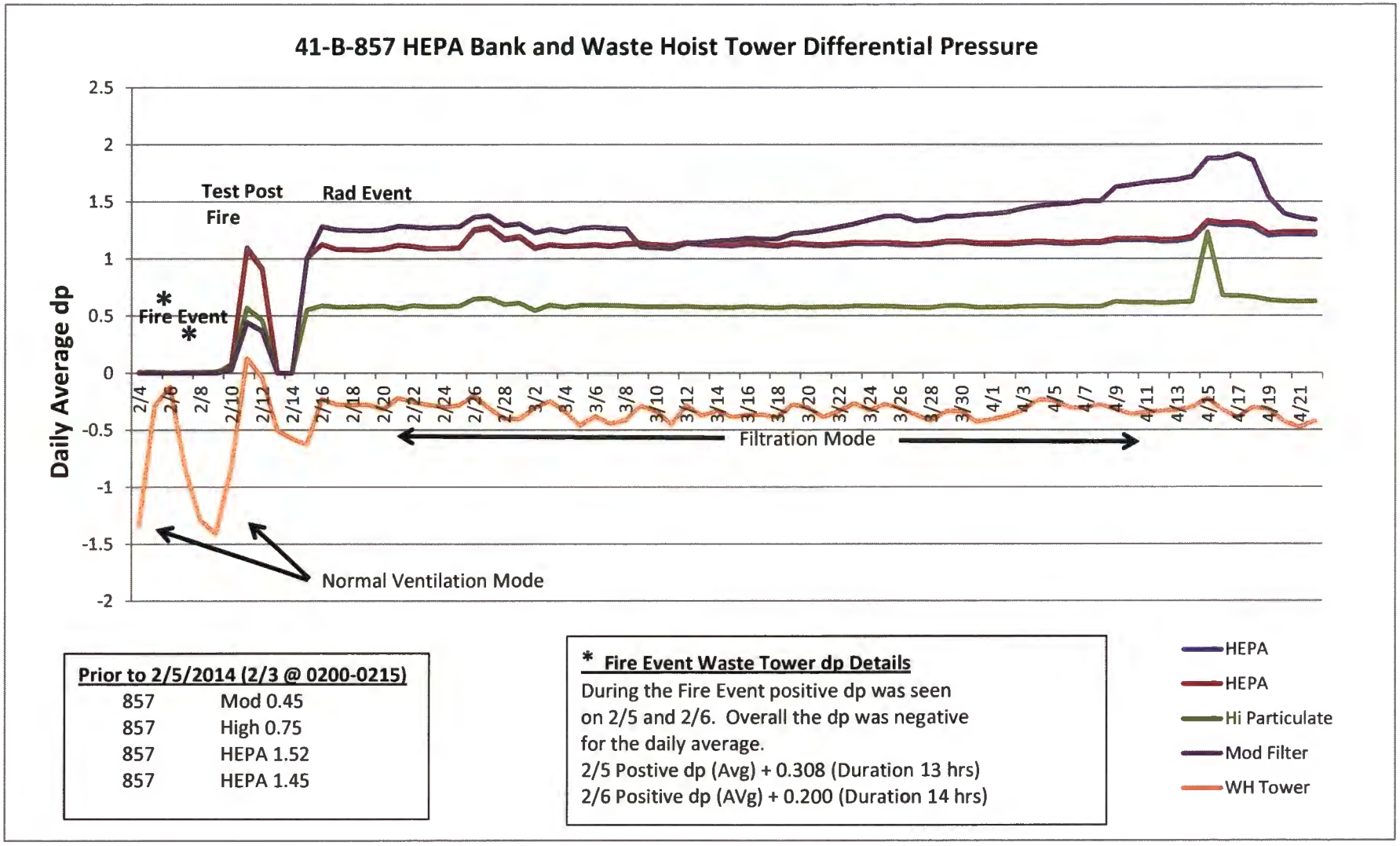

**Prior to 2/5/2014 (2/3 @ 0200-0215)**

| | |
|---|---|
| 856 Mod | 0.47 |
| 856 High | 0.75 |
| 856 HEPA | 1.54 |
| 856 HEPA | 1.45 |

*** Fire Event Waste Tower dp Details**

During the Fire Event positive dp was seen on 2/5 and 2/6. Overall the dp was negative for the daily average.
2/5 Postive dp (Avg) + 0.308 (Duration 13 hrs)
2/6 Positive dp (AVg) + 0.200 (Duration 14 hrs)

- HEPA
- HEPA
- Hi Particulate
- Mod Filter
- WH Tower




**Prior to 2/5/2014 (2/3 @ 0200-0215)**

| | |
|---|---|
| 857 | Mod 0.45 |
| 857 | High 0.75 |
| 857 | HEPA 1.52 |
| 857 | HEPA 1.45 |

*** Fire Event Waste Tower dp Details**

During the Fire Event positive dp was seen on 2/5 and 2/6. Overall the dp was negative for the daily average.

2/5 Postive dp (Avg) + 0.308 (Duration 13 hrs)

2/6 Positive dp (AVg) + 0.200 (Duration 14 hrs)

WIPP RECOVERY 1:00 DAILY MEETING ACTION LIST

Revised 4/22/2014

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | **Date Identified** | **Requestor** | **Action** | **Responsible Person** | **Due Date** | **Status** |
| 2 | 03/18/14 | Nick Stone | Provide latitude/longitude data on the location of the Station B CAM | Stewart Jones | To Oba for transmittal to Nick Stone | **Closed.** - Station A – 32.371621, -103.791727 and Station B – 32.372154, -103.791562 |
| 3 | 03/18/14 | Trais Kliphuis | List of waste (by waste stream) that can and cannot go to WCS. | Oba Vincent/ Farok | Ongoing | **Closed.** The initial list of containers was provided on 3/28 and posted. The plan is to start shipping on 4/1. Additional container lists will be provided as they become available. |
| 4 | 03/18/14 | Trais Kliphuis | Copy of any audit or surveillance report of WCS. What we have is a Qualified Supplier's List "review". | Berry Pace | Before 3/19, 1:00 meeting | **Closed.** Provided on 3/19. |
| 5 | 03/18/14 | Trais Kliphuis | Will receipt of waste at WCS be in compliance with the RCRA permit. For example chain-of-custody issues. | Farok | Discuss tbd. See action item below | Farok described in detail the process that is planned to be used. Trais wants adequate information to assure NMED can perform its due diligence as to why this is not an issue with the permit (see new action below). |
| 6 | 03/19/14 | Trais Kliphuis | Prepare a letter and fact sheet to address NMED regarding controls at WCS to ensure security of containers and compliance with permit. | Farok | 3/28/2014 | Draft has been shared with NMED. NMED needs additional time to review and provide comments. |
| 7 | 03/18/14 | Trais Kliphuis | Copy of the WCS letter contract with NWP. | Oba Vincent | Before 3/19, 1:00 meeting | **Closed.** Formal contract will contain more details. |

WIPP RECOVERY 1:00 DAILY MEETING ACTION LIST
Revised 4/22/2014

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 8 | 03/18/14 | Trais Kliphuis | Detail about validity of initial NM Tech seismic data and some instruments not working. | Stewart Jones, Rey Carrasco | Before 3/19, 1:00 meeting | **Closed.** Data available from WIPP instruments. NM Tech instruments were operating but the communication link between instruments and data recorder was down. |
| 9 | 03/18/14 | Multiple | Define parameters for maps and data generated by different groups to assure data can be compared. This includes items such as map coordinate system, units, etc. | Oba Vincent, Scott Kennedy and Stewart Jones | 3/26/2014 | **Closed.** A table of monitoring equipment has been prepared that includes: low-volume samplers, fixed air samplers (FAS), continuous air monitors (CAM) and 7 monitoring instruments that the Recovery Team will carry during their re-entry. GPS coordinates will be added to the map. |
| 10 | Unknown | Trais Kliphuis | Listing of VOC results in the Bay Area. | Stewart Jones/Oba | | **Closed.** Provide "all" VOC data above and below ground. Includes samples collected on the surface that have yet to be analyzed. |
| 11 | 03/19/14 | Trais Kliphuis | Station A filter data during the fire. | Stewart Jones | 3/21/2014 | **Closed.** CEMRC's actinide and ambient air data has been posted to the web. |
| 12 | 03/19/14 | Trais Kliphuis | An analysis of the cancer risk after the release. | Oba | 3/28/2014 | **Closed.** Transmitted 3/26/14. |
| 13 | 03/19/14 | Nick Stone | EPA needs to be certain that they understand the comprehensive monitoring program before NWP does the first re-entry. | ? | tbd | **Closed.** |

WIPP RECOVERY 1:00 DAILY MEETING ACTION LIST
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| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 14 | 03/19/14 | Nick Stone | EPA requested the calculated dose from the release to the maximum exposed individual to evaluate the WIPP radionuclides discharge monitoring process/system against the discharge monitoring requirements in the NESHAP regulations. | tbd | tbd | **Closed.** EPA requested a paper be provided that explains how potential emissions will be monitored, primarily related to worker re-entry activities stirring up and resuspending contaminants. EPA stated that 40 CFR 60 Subpart H does not apply to WIPP **(see item 9)**. |
| 15 | 03/19/14 | Nick Stone | Install EPA monitors even if they are duplicative of existing State and DOE monitors. EPA will communicate any funding needs to the DOE. | ? | tbd | **Closed**. EPA has located three air samplers at Far Field, East and South. |
| 16 | 03/19/14 | Nick Stone | Provide draft Re-Entry Plan to EPA Region 6. | Oba | 3/19/2014 | **Closed.** Posted on web on 3/19. |
| 17 | 03/20/14 | Trais Kliphuis | Request for an update to the 2/26 Re-entry Plan. | Scott/Oba | 3/24/2014 | **Closed.** Phase 2a and 2b plans have been posted. Phase 3 re-entry plan was posted 4/15. |

WIPP RECOVERY 1:00 DAILY MEETING ACTION LIST
Revised 4/22/2014

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 18 | 03/20/14 | Kathy Economy | Based on AIB Truck Fire report, what is the timeframe when a bulkhead door that had been wired shut and a closed regulator (stuck open) were returned to normal - sometimes on 2/14. | Scott Kennedy | 3/25/2014 | **Closed. Regulator 308:** Regulator 308 was adjusted to 1/3 open on 2/6 by Mine Rescue. In Phase 2B entry - within a couple of weeks we'll be putting 308 in auto so we can manage from CMR/ surface ops. In auto - this can be remotely opened/closed from CMR. **Regulator 707:** Was closed prior to the 14th rad event. The system will go to filtration with or without this regulator closed. Desired position - in filtration - is closed. **Bulkhead 401:** Was opened on 2/6 and chained open. It was closed on 2/5, in a measure to reduce airflow from AIS to the scene of fire. Oba will discuss "Pressure Change" graph with Kathy, especially with regard to timeframes of certain actions. |
| 19 | 03/20/14 | Jonathan Walsh | Requested a map showing location of addition monitors. | Stewart | tbd | **Closed.** |
| 20 | 03/20/14 | Trais Kliphuis | Responses to EIS questions asked by NMED will be placed in writing and provided to NMED by next week. | Chavez/Kehrman | 4/8/2014 | **Re-opened.** A response has been posted for NMED review. Based on 4/21 Kliphuis verbal, this item is still open. Response combined with item #25. |

WIPP RECOVERY 1:00 DAILY MEETING ACTION LIST
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| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 21 | 03/20/14 | Nick Stone | EPA would like a copy of the monitoring plan before people set foot in the underground. Response would include fact sheet, map of monitor locations, height of monitors and how data from each type of monitor is analyzed. | Scott Kennedy/Jim Stafford | tbd | **Closed.** |
| 22 | 03/27/14 | Trais Kliphuis | Requested a copy of the LANL HEPA Filter Report | Oba/Scott | tbd | **Closed.** The report has been posted on the ICLN website. |
| 23 | 03/28/14 | Nick Stone | Arrange a conference between EPA and DOE to discuss "in detail" the WIPP lab procedures. Mary is EPA contact and Berta Oates will coordinate the call. | Berta Oates | Week of 3/31/14 | **Closed**. Minutes from 4/1/14 meeting have been distributed. |
| 24 | 04/01/14 | Tom Peake | Stewart will provide calculation to convert units reported by the lab to final reporting units. Dpm/sample unit for air filters vs Bq/m3 for example. | Stewart Jones | 4/2/2014 | **Closed**. *Conversion from Analytical Value to Reported Concentration* was provided by 4/2/14 Patterson to Peake email. |
| 25 | 03/31/14 | Trais Kliphuis | Was the leak at the dampers a source of the release?<br>If not, what was the source? | Rick Chavez | Week of 4/7 for internal review. | A response has been posted for NMED review. Based on Kliphuis 4/21 verbal, this item is still open. Response combined with item #20. |
| 26 | 04/01/14 | Russell Hardy | Requested input concerning expected activity of samples from the underground prior to sending them to CERMC. Need to assure RAM license compliance. | Stewart Jones | tbd | **Closed**. CEMRC prefers not to have high activity samples sent to their facility. |

WIPP RECOVERY 1:00 DAILY MEETING ACTION LIST
Revised 4/22/2014

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 27 | 04/01/14 | Trais Kliphuis | Requested a revision to the "41-B-856 HEPA Bank and Waste Hoist Tower Differential Pressure" graph using a time axis from Feb 3 to Feb 15. | Scott Kennedy | 4/8/2014 | **Closed.** Graph distributed. Verbally explained by cog engineer on 4/9. Item 38 added to expand the time axis from 2/14 to present. Graph generated using Excel® was distributed on 4/9. |
| 28 | 04/01/14 | Lee Veal | Requested a copy of the Radiation Work Permit that shows "turn back values". | Scott Kennedy | tbd | **Closed**. Oba distributed by 4/2/14 email. |
| 29 | 04/02/14 | Tom Peake | Is additional DOE-based high volume sampling required near Station B? | Stewart Jones | 4/8/2014 | **Closed.** High volume sampler will not be located near Station B. |
| 30 | 04/02/14 | Tom Skibitski | What are the alarm set points for the Station B CAM? | Oba Vincent | 4/14/2014 | **Closed**. The set point is 40 DAC (1500 dpm). The consequence analysis that supports this value is posted on the ICNL portal. |
| 31 | 04/03/14 | Trais Kliphuis | Respond to stakeholder questions received by NMED. | Kennedy | draft for internal review by 4/7 | **Closed**. A response has been provided. |
| 32 | 04/04/14 | Ron Fraass | Relative to the additional CAMs being placed in the underground, what is the frequency of data collection and what is the output? | Dwayne McClain | 4/8/2014 | **Closed**. For the CAMs placed in the underground, they are turned on only when personnel are present. There is no remote output location. |
| 33 | 04/07/14 | Trais Kliphuis | Requested copies of photos taken in week of March 31 man entries. | Kennedy | tbd | **Closed**. Five photos have been posted to ICNL portal. |
| 34 | 04/08/14 | Kathy Economy | A summary narrative of significant elements (changes) in the HEPA 41-B-856 and Waste Hoist Tower Differential Pressure charts. | Kennedy | 4/15/2014 | **Closed.** A narrative explanation of the waste hoist tower and HEPA filter bank differential pressures along with a timeline was posted to the portal. |

WIPP RECOVERY 1:00 DAILY MEETING ACTION LIST
Revised 4/22/2014

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 35 | 04/08/14 | Trais Kliphuis | Provide a schedule and photos of the HEPA filter change mock up and schedule revisions to actual filter changes. | Kennedy | 4/16/2014 | Response is available. B Pace will post prior to 4/22 phone call. |
| 36 | 04/08/14 | Trais Kliphuis | Inventory (WDS data) and location of all waste in Panel 7. Will also highlight those areas with the same radiological "fingerprint" of the potential source term. | Rick Chavez | 4/11/2014 | **Closed**. Posted to ICLN portal 4/12. |
| 37 | 04/08/14 | Nick Stone | Resend the web address of online maps of air monitoring locations. | Vincent | tbd | **Closed**. Posted to ICLN portal 4/9. |
| 38 | 04/09/14 | Trais Kliphuis | Requested a revision to the "41-B-856 HEPA Bank and Waste Hoist Tower Differential Pressure" graph using a time axis from Feb 14 to present - extension of item 27. | Kennedy | | **Closed**. Posted to ICLN website 4/10. |
| 39 | 04/11/14 | Kathy Economy | The AIB Truck Fire Report mentioned some "screens" (brattice cloth) that were cut. How many were cut and what is their location in the mine? | Kennedy/Farnsworth | tbd | **Closed**. The brattice was located in W170 between S1600 & S1950. The cut in the brattice cloth did not affect flow for filtration. |
| 40 | 04/14/14 | Steve Holmes | What type of non-rad monitoring instrumentation will the investigative team be utilizing when they enter the underground waste disposal area? | Stewart Jones | 4/15/2014 | **Closed**. Multigas detector for oxygen, carbon monoxide, and flammability; wet bulb thermometer to monitor heat stress, and a Photo Ionization Detector (PID). |

WIPP RECOVERY 1:00 DAILY MEETING ACTION LIST

Revised 4/22/2014

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 41 | 04/15/14 | Nick Stone | What are the "turn back" limits for the re-entry teams going to the waste face? | Kennedy | 4/15/2014 | **Closed**. There is a derived air concentration (DAC) limit & surface contamination limit. These values were distributed by emailed 4/15. |
| 42 | 04/15/14 | Trais Kliphuis | What are the plans to monitor activities of waste face entry(s)? | Kennedy | 4/15/2014 | **Closed**. TA conference call phone line was established to monitor verbal conversations from the CMR. |
| 43 | 04/22/14 | Nick Stone | What are the plans for the waste that is currently in storage in the Waste Handling Building? | Kennedy/Chavez | tbd | The existing NMED Administrative Order addresses this through May 17, 2014. |

# Station A, Before the Filtration System

## Caution: Results may require intrepertation due to varying counting times and methods of analysis

| Date | Date & Time Installed | Date & Time Removed | Filter ID | Alpha (dpm) | Beta (dpm) | Initial Count (date/time) | Alpha (dpm) | Beta (dpm) | Re-count (date/time) | Alpha (dpm) | Beta (dpm) | Final Count (date/time) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/14/14 | 2/14/14 0742 | 2/15/14 0630 | A230214140742 | 4.4M** | 1.2M | 021514/0649 | Laboratory Analysis | | | 8.2M* | <MDA | N/P |
| 2/15/14 | 2/15/14 0630 | 2/15/14 0840 | A230215140630 | 225K | 46.8K | 021514/0916 | LaboratoryAnalysis | | | 213K* | <MDA | N/P |
| 2/15/14 | 2/15/14 0840 | 2/15/14 1510 | A230215140840 | 285K | 54K | 021514/1541 | Non-Rad Analysis in SRS Lab | | | N/A | N/A | N/P |
| 2/15/14 | 2/15/14 1510 | 2/15/14 2330 | A230215141510 | 124K | 24481 | 021614/0012 | Non-Rad Analysis in SRS Lab | | | N/A | N/A | N/P |
| 2/15/14 | 2/15/14 2330 | 2/16/14 0850 | A230215142330 | 47.3K | 10558 | 021614/0917 | Count Not Performed | | | 46.3K | 8749 | 030614/1555 |
| 2/16/14 | 2/16/14 0850 | 2/16/14 1648 | A230216140850 | 12.3K | 2842 | 021614/1927 | Count Not Performed | | | 12.2K | 2306 | 030614/1555 |
| 2/16/14 | 2/16/14 1648 | 2/17/14 0015 | A230216141650 | 4051 | 1256 | 021714/0046 | Count Not Performed | | | 3526 | 702 | 030614/1555 |
| 2/17/14 | 2/17/14 0015 | 2/17/14 0820 | A230217140015 | 1802 | 638 | 021714/0942 | 1723 | 573 | 021714/1012 | 1660 | 325 | 030614/1555 |
| 2/17/14 | 2/17/14 0820 | 2/17/14 1620 | A230217140820 | 1048 | 621 | 021714/1705 | Count Not Performed | | | 767 | 150 | 030614/1555 |
| 2/17/14 | 2/17/14 1620 | 2/18/14 0010 | A230217141620 | 802 | 633 | 021814/0051 | 633 | 230 | 021814/1012 | 44 | 8 | 030614/1555 |
| 2/18/14 | 2/18/14 0010 | 2/18/14 0820 | A230218140010 | 326 | 338 | 021814/0928 | 237 | 157 | 021814/1202 | 163 | 30 | 030614/1555 |
| 2/18/14 | 2/18/14 0820 | 2/18/14 1605 | A230218140820 | 609 | 780 | 021814/1624 | 258 | 118 | 021914/0315 | 239 | 39 | 030614/1555 |
| 2/18/14 | 2/18/14 1605 | 2/19/14 0035 | A230218141605 | 346 | 340 | 021914/0143 | 227 | 143 | 021914/0547 | 186 | 41 | 030614/1555 |
| 2/19/14 | 2/19/14 0035 | 2/19/14 0823 | A230219140040 | 224 | 320 | 021914/0952 | 136 | 143 | 021914/1222 | 72 | 12 | 030914/1349 |
| 2/19/14 | 2/19/14 0823 | 2/19/14 1600 | A230219140823 | 264 | 443 | 021914/1708 | 130 | 137 | 021914/2046 | 84 | 11 | 030914/1349 |

**Initial activity is inaccurate due to debris filter loading.

All counts performed on a Tennelec XLB for 10 minutes unless otherwise noted.

* Values represent the results of isotopic analysis.

MDA = Minimum Detectable Activity

dpm =Disintegrations Per Minute

N/A = Not Analyzed N/P = Not Performed

# Station A, Before the Filtration System

## Caution: Results may require intrepertation due to varying counting times and methods of analysis

| Date | Date & Time Installed | Date & Time Removed | Filter ID | Alpha (dpm) | Beta (dpm) | Initial Count (date/time) | Alpha (dpm) | Beta (dpm) | Re-count (date/time) | Alpha (dpm) | Beta (dpm) | Final Count (date/time) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/19/14 | 2/19/14 1600 | 2/20/14 0018 | A230219141600 | 286 | 378 | 022014/0124 | 150 | 119 | 022014/0352 | 93 | 12 | 030914/1350 |
| 2/20/14 | 2/20/14 0018 | 2/20/14 0817 | A230220140018 | 290 | 219 | 022014/1010 | 216 | 146 | 022014/1256 | 165 | 25 | 030914/1357 |
| 2/20/14 | 2/20/14 0817 | 2/20/14 1624 | A230220140817 | 135 | 131 | 022014/1838 | 107 | 85 | 022014/2204 | 70 | 12 | 030914/1357 |
| 2/20/14 | 2/20/14 1624 | 2/21/14 0012 | A230220141624 | 231 | 103 | 022114/0154 | 203 | 84 | 022114/0505 | 173 | 26 | 030914/1357 |
| 2/21/14 | 2/21/14 0012 | 2/21/14 0845 | A230221140012 | 330 | 146 | 022114/1027 | 286 | 105 | 022114/1532 | 250 | 39 | 030914/1357 |
| 2/21/14 | 2/21/14 0845 | 2/21/14 1620 | A230221140845 | 253 | 199 | 022114/1654 | 175 | 86 | 022114/2000 | 158 | 22 | 030914/1358 |
| 2/21/14 | 2/21/14 1620 | 2/22/14 0050 | A230221141620 | 388 | 549 | 022214/0124 | 215 | 154 | 022214/0400 | 168 | 24 | 030914/1358 |
| 2/22/14 | 2/22/14 0050 | 2/22/14 0830 | A230222140050 | 421 | 599 | 022214/0906 | 180 | 154 | 022214/1150 | 107 | 16 | 030914/1517 |
| 2/22/14 | 2/22/14 0830 | 2/22/14 1615 | A230222140830 | 243 | 337 | 022214/1713 | 140 | 166 | 022214/2004 | 67 | 12 | 030914/1518 |
| 2/22/14 | 2/22/14 1615 | 2/23/14 0011 | A230222141650 | 487 | 626 | 022314/0047 | 208 | 129 | 022314/0401 | 160 | 26 | 030914/1518 |
| 2/23/14 | 2/23/14 0011 | 2/23/14 0830 | A230223140011 | 328 | 504 | 022314/0906 | 162 | 167 | 022314/1222 | 94 | 14 | 030914/1547 |
| 2/23/14 | 2/23/14 0830 | 2/23/14 1615 | A230223140830 | 225 | 340 | 022314/1644 | Count Not Performed | | | 46 | 7 | 030914/1548 |
| 2/23/14 | 2/23/14 1615 | 2/24/14 0025 | A230223141615 | 412 | 696 | 022414/0048 | 102 | 109 | 022414/0405 | 39 | 5 | 030914/1548 |
| 2/24/14 | 2/24/14 0025 | 2/24/14 0912 | A230224140025 | 195 | 309 | 022414/1137 | 149 | 213 | 022414/1540 | 46 | 8 | 030914/1552 |
| 2/24/14 | 2/24/14 0912 | 2/24/14 1702 | A230224140912 | 437 | 740 | 022414/1733 | 141 | 214 | 022414/2031 | 26 | <MDA | 030914/1552 |
| 2/24/14 | 2/24/14 1702 | 2/25/14 0005 | A230224141702 | 429 | 796 | 022514/0029 | 91 | 138 | 022514/0355 | 26 | 7 | 030914/1553 |

All counts performed on a Tennelec XLB for 10 minutes unless otherwise noted.
* Values represent the results of isotopic analysis.

MDA = Minimum Detectable Activity
dpm =Disintegrations Per Minute
N/A = Not Analyzed N/P = Not Performed

# Station A, Before the Filtration System

**Caution: Results may require intrepertation due to varying counting times and methods of analysis**

| Date | Date & Time Installed | Date & Time Removed | Filter ID | Alpha (dpm) | Beta (dpm) | Initial Count (date/time) | Alpha (dpm) | Beta (dpm) | Re-count (date/time) | Alpha (dpm) | Beta (dpm) | Final Count (date/time) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/25/14 | 2/25/14 0005 | 2/25/14 0830 | A230225140005 | 381 | 618 | 022514/0951 | 138 | 194 | 022514/1349 | 30 | 8 | 030914/1636 |
| 2/25/14 | 2/25/14 0830 | 2/25/14 1628 | A120225140830 | 544 | 962 | 022514/1730 | 165 | 277 | 022514/2000 | 17 | <MDA | 030914/1636 |
| 2/25/14 | 2/25/14 1628 | 2/26/14 0025 | A230225141628 | 647 | 1140 | 022614/0100 | 161 | 263 | 022614/0407 | 28 | <MDA | 030914/1636 |
| 2/26/14 | 2/26/14 0025 | 2/26/14 0845 | A230226140025 | 307 | 487 | 022614/0958 | 158 | 225 | 022614/1354 | 32 | <MDA | 030914/1636 |
| 2/26/14 | 2/26/14 0845 | 2/26/14 1640 | A230226140845 | 377 | 579 | 022614/1729 | Count Not Performed | | | 35 | 6 | 030914/1637 |
| 2/26/14 | 2/26/14 1640 | 2/27/14 0015 | A230226141640 | 458 | 826 | 022714/0052 | 114 | 172 | 022714/0408 | 25 | 14 | 030914/1637 |
| 2/27/14 | 2/27/14 0015 | 2/27/14 0903 | A230227140015 | 685 | 1198 | 022714/0932 | 191 | 340 | 022714/1225 | 26 | 9 | 030914/2058 |
| 2/27/14 | 2/27/14 0903 | 2/27/14 1651 | A230227140903 | 457 | 793 | 022714/1726 | 78 | 103 | 022814/0424 | 30 | 12 | 030914/2055 |
| 2/28/14 | 2/27/14 1651 | 2/28/14 0015 | A230227141651 | 239 | 423 | 022812/0046 | 52 | 90 | 022814/0401 | 14 | <MDA | 030914/2053 |
| 2/28/14 | 2/28/14 0015 | 2/28/14 0835 | A230228140015 | 81 | 136 | 022814/1032 | 49 | 81 | 022814/1417 | 11 | <MDA | 030914/2103 |
| 2/28/14 | 2/28/14 0835 | 02/28/14 1615 | A230228140835 | 84 | 127 | 022814/1820 | 43 | 91 | 022814/2119 | 9 | <MDA | 030914/2107 |
| 3/1/14 | 2/28/14 1615 | 3/1/14 0104 | A230228141615 | 133 | 208 | 030114/0235 | 60 | 89 | 030114/0527 | 16 | 7 | 030914/2213 |
| 3/1/14 | 3/1/14 0104 | 3/1/14 0855 | A230301140104 | 224 | 440 | 030114/0956 | 73 | 116 | 030114/1257 | 9 | 8 | 030914/2210 |
| 3/1/14 | 3/1/14 0855 | 3/1/14 1656 | A230301140855 | 186 | 354 | 030114/1756 | 69 | 94 | 030114/2109 | 18 | <MDA | 030914/2249 |
| 3/1/14 | 3/1/14 1656 | 3/2/14 0007 | A230301141656 | 121 | 213 | 030214/0107 | 47 | 55 | 030214/0512 | 17 | 9 | 030914/2249 |
| 3/2/14 | 3/2/14 0007 | 3/2/14 0825 | A230302140007 | 918 | 1638 | 030214/0836 | 122 | 218 | 030214/1155 | 15 | <MDA | 030914/2251 |

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N/A = Not Analyzed N/P = Not Performed

# Station A, Before the Filtration System

## Caution: Results may require intrepertation due to varying counting times and methods of analysis

| Date | Date & Time Installed | Date & Time Removed | Filter ID | Alpha (dpm) | Beta (dpm) | Initial Count (date/time) | Alpha (dpm) | Beta (dpm) | Re-count (date/time) | Alpha (dpm) | Beta (dpm) | Final Count (date/time) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/2/14 | 3/2/14 0825 | 3/2/14 1650 | A230302140825 | 563 | 973 | 030214/1732 | 155 | 311 | 030214/2124 | 13 | 7 | 030914/2251 |
| 3/2/14 | 3/2/14 1650 | 3/3/14 0106 | A230302141650 | 359 | 621 | 030314/0158 | 150 | 258 | 030314/0537 | 25 | 7 | 030914/2254 |
| 3/3/14 | 3/3/14 0106 | 3/3/14 0817 | A230303140106 | 264 | 468 | 030314/0915 | 118 | 201 | 030314/1217 | 19 | 7 | 030914/2255 |
| 3/3/14 | 3/3/14 0817 | 3/3/14 1630 | A230303140817 | 380 | 699 | 030314/1704 | 97 | 172 | 030314/2103 | 19 | 8 | 030914/2256 |
| 3/3/14 | 3/3/14 1630 | 3/4/14 0034 | A230303141630 | 191 | 340 | 030414/0207 | 93 | 147 | 030414/0543 | 25 | 7 | 030914/2258 |
| 3/4/14 | 3/4/14 0034 | 3/4/14 0817 | A230304140034 | 479 | 757 | 030414/0900 | 135 | 199 | 030414/1130 | 18 | <MDA | 030914/2249 |
| 3/4/14 | 3/4/14 0817 | 3/4/14 1557 | A230304140817 | 384 | 586 | 030414/1639 | 120 | 129 | 030414/1957 | 40 | 10 | 031014/0121 |
| 3/4/14 | 3/4/14 1557 | 3/5/14 0022 | A230304141557 | 399 | 753 | 030514/0051 | 74 | 143 | 030514/0351 | 14 | <MDA | 031014/0117 |
| 3/5/14 | 3/5/14 0022 | 3/5/14 0835 | A230305140022 | 674 | 1162 | 030514/0903 | 112 | 203 | 030514/1206 | 12 | <MDA | 031014/0118 |
| 3/5/14 | 3/5/14 0835 | 3/5/14 1605 | A230305140835 | 203 | 344 | 030514/1622 | 130 | 184 | 030514/2007 | 51 | 7 | 031014/0119 |
| 3/5/14 | 3/5/14 1605 | 3/6/14 0040 | A230305141605 | 341 | 599 | 030614/0109 | 118 | 168 | 030614/0403 | 45 | 13 | 031014/0120 |
| 3/6/14 | 3/6/14 0040 | 3/6/14 0820 | A230306140040 | 117 | 174 | 030614/1238 | 70 | 116 | 030614/2011 | 40 | 10 | 031014/0121 |
| 3/6/14 | 3/6/14 0820 | 3/6/14 1554 | A230306140820 | 151 | 244 | 030614/1725 | 55 | 85 | 030614/2349 | 19 | 5 | 031114/1135 |
| 3/6/14 | 3/6/14 1554 | 3/7/14 0015 | A230306141554 | 467 | 894 | 030714/0039 | 97 | 171 | 030714/0401 | 12 | <MDA | 031114/1135 |
| 3/7/14 | 3/7/14 0015 | 3/7/14 1055 | A230307140015 | 210 | 384 | 030714/1225 | 88 | 136 | 030714/2141 | 18 | 4 | 031114/1136 |
| 3/7/14 | 3/7/14 1055 | 3/7/14 1635 | A230307141055 | 231 | 357 | 030714/1749 | 60 | 63 | 030814/0456 | 29 | 5 | 031114/1137 |

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# Station A, Before the Filtration System

**Caution: Results may require intrepertation due to varying counting times and methods of analysis**

| Date | Date & Time Installed | Date & Time Removed | Filter ID | Alpha (dpm) | Beta (dpm) | Initial Count (date/time) | Alpha (dpm) | Beta (dpm) | Re-count (date/time) | Alpha (dpm) | Beta (dpm) | Final Count (date/time) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/7/14 | 3/7/14 1635 | 3/8/14 0029 | A230307141635 | 257 | 311 | 030814/0152 | 141 | 146 | 030814/0348 | 78 | 16 | 031114/0016 |
| 3/8/14 | 3/8/14 0029 | 3/8/14 0805 | A230308140029 | 207 | 289 | 030814/0955 | 88 | 106 | 030814/2140 | 39 | 13 | 031114/1138 |
| 3/8/14 | 3/8/4 0805 | 3/9/14 0020 | A230308140805 | 222 | 378 | 030914/0051 | 89 | 127 | 030914/1022 | 23 | <MDA | 031214/0003 |
| 3/9/14 | 3/9/14 0020 | 3/9/14 0830 | A230309140020 | 173 | 300 | 030914/0951 | 102 | 174 | 030914/1254 | 12 | <MDA | 031214/0746 |
| 3/9/14 | 3/9/14 0830 | 3/9/14 1615 | A230309140830 | 120 | 226 | 030914/1744 | 65 | 93 | 031014/0232 | 16 | <MDA | 031214/1549 |
| 3/9/14 | 3/9/14 1615 | 3/10/14 0010 | A230309141615 | 64 | 99 | 031014/0115 | 32 | 42 | 031014/1018 | 12 | <MDA | 031314/0000 |
| 3/10/14 | 3/10/14 0010 | 3/10/14 0835 | A230310140010 | 138 | 276 | 031014/0954 | 42 | 79 | 031014/1729 | 10 | <MDA | 031314/0750 |
| 3/10/14 | 3/10/14 0835 | 3/10/14 1620 | A230310140835 | 210 | 407 | 031014/1658 | 46 | 75 | 031114/1032 | 15 | <MDA | 031314/1531 |
| 3/10/14 | 3/10/14 1620 | 3/11/14 0030 | A230310141620 | 224 | 380 | 031114/0120 | 65 | 84 | 031114/0753 | 20 | <MDA | 031414/0030 |
| 3/11/14 | 3/11/14 0030 | 3/11/14 0815 | A230311140030 | 310 | 496 | 031114/0918 | 89 | 120 | 031114/1510 | 17 | 4.3 | 031414/1100 |
| 3/11/14 | 3/11/14 0815 | 3/11/14 1600 | A230311140815 | 304 | 558 | 031114/1640 | 64 | 93 | 031214/0003 | 13 | 7 | 031414/1542 |
| 3/11/14 | 3/11/14 1600 | 3/12/14 0010 | A230311141600 | 233 | 388 | 031214/0101 | 233 | 388 | 031214/0743 | 16 | <MDA | 031514/0743 |
| 3/12/14 | 3/11/14 0010 | 3/12/14 0820 | A230312140010 | 129 | 213 | 031214/0906 | 49 | 73 | 031214/1547 | 19 | <MDA | 031514/0745 |
| 3/12/14 | 3/12/14 0820 | 3/12/14 1610 | A230312140820 | 85 | 253 | 031214/1653 | 53 | 72 | 031314/0020 | 14 | <MDA | 031514/1623 |
| 3/12/14 | 3/12/14 1610 | 3/13/14 0020 | A230312141610 | 124 | 221 | 031314/0116 | 44 | 82 | 031314/0750 | 8 | <MDA | 031614/0025 |
| 3/13/14 | 3/13/14 0020 | 3/13/14 0830 | A230313140020 | 206 | 362 | 031314/0927 | 66 | 86 | 031314/1530 | 20 | 9 | 031614/0818 |

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# Station A, Before the Filtration System

## Caution: Results may require intrepertation due to varying counting times and methods of analysis

| Date | Date & Time Installed | Date & Time Removed | Filter ID | Alpha (dpm) | Beta (dpm) | Initial Count (date/time) | Alpha (dpm) | Beta (dpm) | Re-count (date/time) | Alpha (dpm) | Beta (dpm) | Final Count (date/time) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/14 | 3/13/14 0830 | 3/13/14 1610 | A230313140830 | 570 | 436 | 031314/1655 | 369 | 127 | 031414/0120 | 368 | 57 | 031614/1728 |
| 3/13/14 | 3/13/14 1610 | 3/14/14 0018 | A230313141610 | 119 | 206 | 031414/0139 | 43 | 58 | 031414/1056 | 16 | <MDA | 031714/0018 |
| 3/14/14 | 3/14/14 0018 | 3/14/14 0900 | A230314140018 | 279 | 518 | 031414/0941 | 72 | 113 | 031414/1533 | 12 | <MDA | 031714/0804 |
| 3/14/14 | 3/14/14 0900 | 3/14/14 1610 | A230314140900 | 209 | 369 | 031414/1720 | 58 | 96 | 031514/0011 | 7 | 5 | 031714/1606 |
| 3/14/14 | 3/14/14 1610 | 3/15/14 0005 | A230314141610 | 208 | 353 | 031514/0100 | 47 | 68 | 031514/0747 | 8 | <MDA | 031814/0013 |
| 3/15/14 | 3/15/14 0005 | 3/1/14 0815 | A230315140005 | 172 | 290 | 031514/0953 | 70 | 104 | 031514/1624 | 12 | 8 | 031814/0803 |
| 3/15/14 | 3/15/14 0815 | 3/15/14 1610 | A230315140900 | 210 | 327 | 031514/1706 | 56 | 80 | 031614/0130 | 19 | <MDA | 031814/1548 |
| 3/15/14 | 3/15/14 1610 | 3/16/14 0001 | A230315141610 | 85 | 139 | 031614/0139 | 36 | 69 | 031614/0821 | 12 | <MDA | 031914/0000 |
| 3/16/14 | 3/16/14 0001 | 3/16/14 0812 | A230316140001 | 144 | 224 | 031614/0900 | 45 | 56 | 031614/1603 | 10 | <MDA | 031914/0810 |
| 3/16/14 | 3/16/14 0812 | 3/16/14 1607 | A230316140812 | 102 | 194 | 031614/1704 | 40 | 62 | 031714/0018 | 9 | <MDA | 031914/1600 |
| 3/16/14 | 3/16/14 1607 | 3/17/14 0002 | A230316141607 | 106 | 187 | 031714/0103 | 33 | 51 | 031714/0811 | 11 | <MDA | 032014/0003 |
| 3/17/14 | 3/17/14 0002 | 3/17/14 0835 | A230317140002 | 148 | 244 | 031714/0957 | 57 | 96 | 031714/1620 | 11 | 5 | 032014/0822 |
| 3/17/14 | 3/17/14 0835 | 3/17/14 1610 | 230317140835 | 127 | 204 | 031714/1741 | 48 | 78 | 031817/0011 | 10 | <MDA | 032014/1531 |
| 3/17/14 | 3/17/14 1610 | 3/18/14 0001 | A230317141610 | 206 | 346 | 031714/0040 | 39 | 57 | 031814/0802 | 10 | <MDA | 032114/0004 |
| 3/18/14 | 3/18/14 0001 | 3/18/14 0840 | A230318140001 | 176 | 227 | 031814/1014 | 117 | 104 | 031814/1550 | 49 | 12 | 032114/0759 |
| 3/18/14 | 3/18/14 0840 | 3/18/14 1604 | A230318140840 | 210 | 332 | 031814/1653 | 56 | 74 | 031914/0030 | 11 | <MDA | 032114/1607 |

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# Station A, Before the Filtration System

## Caution: Results may require intrepertation due to varying counting times and methods of analysis

| Date | Date & Time Installed | Date & Time Removed | Filter ID | Alpha (dpm) | Beta (dpm) | Initial Count (date/time) | Alpha (dpm) | Beta (dpm) | Re-count (date/time) | Alpha (dpm) | Beta (dpm) | Final Count (date/time) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/18/14 | 3/18/14 1604 | 3/19/14 0015 | A230318141604 | 147 | 241 | 031914/0044 | 40 | 51 | 031914/0804 | 15 | <MDA | 032214/0843 |
| 3/19/14 | 3/19/14 0015 | 3/19/14 0840 | A2303191400015 | 83 | 121 | 031914/1016 | 52 | 62 | 031914/1600 | 20 | 5 | 032214/0810 |
| 3/19/14 | 3/19/14 0840 | 3/19/14 1628 | A230319140840 | 71 | 119 | 031914/1628 | 34 | 49 | 032014/0007 | 8 | <MDA | 032214/1708 |
| 3/19/14 | 3/19/14 1628 | 3/19/2014 0005 | A230319141628 | 187 | 325 | 032014/0042 | 38 | 68 | 032014/0822 | 9 | <MDA | 032314/2348 |
| 3/20/14 | 3/20/14 0005 | 3/20/14 0829 | A230320140005 | 92 | 170 | 032014/1103 | 55 | 104 | 032014/1532 | 9 | 4 | 032314/0800 |
| 3/20/14 | 3/20/14 0829 | 3/20/14 1615 | A230320140829 | 123 | 220 | 032014/1710 | 36 | 62 | 032114/0006 | 9 | <MDA | 032314/1600 |
| 3/20/14 | 3/20/14 1615 | 3/21/14 0005 | A230320141615 | 206 | 358 | 032114/0044 | 41 | 69 | 032114/0758 | 9 | <MDA | 032314/2344 |
| 3/21/14 | 3/21/14 0005 | 3/21/14 0800 | A230321140005 | 171 | 277 | 032114/0915 | 50 | 80 | 032114/1607 | 6 | 5 | 032414/0709 |
| 3/21/14 | 3/21/14 0800 | 3/21/14 1600 | A230321140800 | 423 | 779 | 032114/1600 | 78 | 151 | 032214/0010 | 6 | 9 | 032414/1559 |
| 3/21/14 | 3/21/14 1600 | 3/22/14 0010 | A230321141600 | 321 | 588 | 032214/0045 | 53 | 91 | 032214/0930 | 9 | 4.8 | 032414/2338 |
| 3/22/14 | 3/22/14 0010 | 3/22/14 0840 | A230322140010 | 200 | 355 | 032214/0942 | 72 | 114 | 032214/1606 | 11 | <MDA | 032514/0822 |
| 3/22/14 | 3/22/14 0840 | 3/22/2014 1620 | A230322140840 | 351 | 601 | 032214/1651 | 71 | 120 | 032214/2348 | 9 | 5 | 032514/1621 |
| 3/22/14 | 3/22/2014 1620 | 03/23/14 0015 | A230322141620 | 374 | 715 | 032314/0015 | 25 | 37 | 032414/0000 | 6 | 6 | 032614/0000 |
| 3/23/14 | 03/23/14 0015 | 03/23/14 0830 | A230323140015 | 403 | 632 | 032314/0830 | 120 | 157 | 032314/1600 | 37 | 11 | 032614/0815 |
| 3/23/14 | 3/23/14 0830 | 3/23/14 1629 | A230323140830 | 513 | 911 | 032314/1645 | 86 | 140 | 032414/1558 | 15 | 4.2 | 032614/1554 |
| 3/23/14 | 3/23/14 1629 | 3/24/14 0015 | A230323141629 | 380 | 668 | 032414/0119 | 53 | 84 | 032414/1319 | 7 | 4.2 | 032714/0000 |

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# Station A, Before the Filtration System

## Caution: Results may require intrepertation due to varying counting times and methods of analysis

| Date | Date & Time Installed | Date & Time Removed | Filter ID | Alpha (dpm) | Beta (dpm) | Initial Count (date/time) | Alpha (dpm) | Beta (dpm) | Re-count (date/time) | Alpha (dpm) | Beta (dpm) | Final Count (date/time) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/24/14 | 3/24/14 0015 | 3/24/14 0850 | A230324140015 | 792 | 1357 | 032414/0900 | 116 | 154 | 032414/1555 | 25 | 7 | 032714/0810 |
| 3/24/14 | 3/24/14 0850 | 3/24/14 1625 | A230324140850 | 276 | 497 | 032414/1715 | 65 | 119 | 032414/2337 | 9 | 8 | 032714/1604 |
| 3/24/14 | 3/24/14 1625 | 3/25/14 0015 | A230324141625 | 373 | 666 | 032514/0033 | 67 | 83 | 032514/0819 | 23 | 5 | 032714/2345 |
| 3/25/14 | 3/25/14 0015 | 3/25/14 0806 | A230325140015 | 291 | 524 | 032514/0846 | 67 | 127 | 032514/1619 | 7 | <MDA | 032814/0742 |
| 3/25/14 | 3/25/14 0806 | 3/25/14 1630 | A230325140806 | 580 | 986 | 032514/1709 | 85 | 143 | 032614/0000 | 16 | <MDA | 032814/1531 |
| 3/25/14 | 3/25/14 1630 | 3/26/14 0025 | A230325141630 | 85 | 143 | 032614/0042 | 77 | 123 | 032614/0812 | 13 | <MDA | 032914/0043 |
| 3/26/14 | 3/26/14 0025 | 3/26/14 0835 | A230326140025 | 495 | 885 | 032614/0911 | 85 | 144 | 032614/1542 | 11 | 7 | 032914/0752 |
| 3/26/14 | 3/26/14 0835 | 3/26/14 1615 | A230326140835 | 644 | 1122 | 032614/1637 | 83 | 132 | 032714/0000 | 15 | <MDA | 032914/1534 |
| 3/26/14 | 3/26/14 1615 | 3/27/14 0001 | A230326141615 | 277 | 491 | 032714/0038 | 54 | 87 | 032714/0806 | 7 | <MDA | 033014/0004 |
| 3/27/14 | 3/27/14 0001 | 3/27/14 0800 | A230327140001 | 241 | 401 | 032714/0815 | 83 | 138 | 032814/1601 | 9 | <MDA | 033014/0747 |
| 3/27/14 | 3/27/14 0800 | 3/27/14 1600 | A230327140800 | 162 | 254 | 032714/1701 | 54 | 81 | 032814/0000 | 19 | 6 | 033014/1533 |
| 3/27/14 | 3/27/14 1600 | 3/28/14 0013 | A230327141600 | 172 | 282 | 032814/0046 | 40 | 61 | 032814/0800 | 10 | <MDA | 033014/2359 |
| 3/28/14 | 3/28/14 0013 | 3/28/14 0830 | A230328140013 | 299 | 499 | 032814/0900 | 100 | 69 | 032914/0752 | 21 | <MDA | 033114/0753 |
| 3/28/14 | 3/28/14 0830 | 3/28/14 1620 | A230328140830 | 213 | 375 | 032814/1646 | 49 | 95 | 032914/0002 | 6 | <MDA | 033114/1546 |
| 3/28/14 | 3/28/14 1620 | 3/29/14 0000 | A230328141620 | 161 | 168 | 032914/0118 | 100 | 69 | 032914/0752 | 79 | 14 | 033114/2351 |
| 3/29/14 | 3/29/14 0000 | 3/29/14 0855 | A230329140000 | 369 | 695 | 032914/0924 | 56 | 103 | 032914/1534 | 9 | <MDA | 040114/0921 |

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# Station A, Before the Filtration System

## Caution: Results may require intrepertation due to varying counting times and methods of analysis

| Date | Date & Time Installed | Date & Time Removed | Filter ID | Alpha (dpm) | Beta (dpm) | Initial Count (date/time) | Alpha (dpm) | Beta (dpm) | Re-count (date/time) | Alpha (dpm) | Beta (dpm) | Final Count (date/time) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/29/14 | 3/29/14 0855 | 3/29/14 1615 | A230329140855 | 335 | 606 | 032914/1646 | 58 | 113 | 033014/0000 | 3.7 | <MDA | 040114/1800 |
| 3/29/14 | 3/29/14 1615 | 3/30/14 0015 | A230329141615 | 121 | 223 | 0323014/0102 | 38 | 59 | 033014/0800 | 4 | <MDA | 040114/2331 |
| 3/30/14 | 3/30/14 0015 | 3/30/14 0840 | A230330140015 | 151 | 285 | 033014/1012 | 64 | 129 | 033014/1533 | 5 | <MDA | 040214/0904 |
| 3/30/14 | 3/30/14 0840 | 3/30/14 1615 | A230330140840 | 365 | 654 | 033014/1652 | 68 | 110 | 033114/0000 | 9 | <MDA | 040214/1546 |
| 3/30/14 | 3/30/14 1615 | 3/31/14 0035 | A230330141615 | 237 | 398 | 033114/0140 | 61 | 110 | 033114/0753 | 11 | 4.8 | 040314/0000 |
| 3/31/14 | 3/31/14 0035 | 3/31/14 0820 | A230331140035 | 252 | 492 | 033114/0859 | 56 | 106 | 033114/1543 | 11 | <MDA | 040314/0801 |
| 3/31/14 | 3/31/14 0820 | 3/31/14 1620 | A230331140820 | 320 | 593 | 033114/1639 | 50 | 108 | 033114/2349 | 5 | <MDA | 040314/1634 |
| 3/31/14 | 3/31/14 1620 | 4/1/14 0000 | A230331141620 | 75 | 129 | 040114/0146 | 24 | 30 | 040114/0922 | 7 | <MDA | 040314/2343 |
| 4/1/14 | 4/1/14 0000 | 4/1/14 0800 | A230401140000 | 81 | 144 | 040114/1024 | 42 | 70 | 040114/1612 | 6 | 4.8 | 040414/0821 |
| 4/1/14 | 4/1/14 0800 | 4/1/14 1600 | A230401140800 | 256 | 416 | 040114/1646 | 51 | 90 | 040114/2351 | 10 | 5 | 040414/1614 |
| 4/1/14 | 4/1/14 1600 | 4/2/14 0020 | A230401141600 | 303 | 493 | 040214/0042 | 53 | 64 | 040214/0800 | 14 | 5 | 040514/0000 |
| 4/2/14 | 4/2/14 0020 | 4/2/14 0840 | A230402140020 | 356 | 602 | 040214/0927 | 59 | 100 | 040214/1546 | 9 | <MDA | 040514/0814 |
| 4/2/14 | 4/2/14 0840 | 4/2/14 1625 | A230402140840 | 167 | 283 | 040314/1737 | 60 | 76 | 040314/1200 | 15 | <MDA | 040514/1620 |
| 4/2/14 | 4/2/14 1625 | 4/3/14 0030 | A230402141625 | 289 | 512 | 040314/0058 | 38 | 65 | 040414/0748 | <MDA | <MDA | 040614/0009 |
| 4/3/14 | 4/3/14 0030 | 4/3/14 0840 | A230403140030 | 320 | 571 | 040314/0912 | 32 | 57 | 040314/1609 | <MDA | <MDA | 040614/0749 |
| 4/3/14 | 4/3/14 0840 | 4/3/14 1630 | A230403140840 | 204 | 369 | 040314/1650 | 39 | 57 | 040414/0124 | 9 | 6 | 040614/1553 |

All counts performed on a Tennelec XLB for 10 minutes unless otherwise noted.

* Values represent the results of isotopic analysis.

MDA = Minimum Detectable Activity

dpm =Disintegrations Per Minute

N/A = Not Analyzed N/P = Not Performed

# Station A, Before the Filtration System

## Caution: Results may require intrepertation due to varying counting times and methods of analysis

| Date | Date & Time Installed | Date & Time Removed | Filter ID | Alpha (dpm) | Beta (dpm) | Initial Count (date/time) | Alpha (dpm) | Beta (dpm) | Re-count (date/time) | Alpha (dpm) | Beta (dpm) | Final Count (date/time) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4/3/14 | 4/3/14 1630 | 4/4/14 0020 | A230403141630 | 163 | 262 | 040414/0038 | 33 | 53 | 040414/0753 | 9 | 7 | 040714/0011 |
| 4/4/14 | 4/4/14 0020 | 4/4/14 0800 | A230404140020 | 159 | 261 | 040414/0912 | 48 | 87 | 040414/1549 | 4.3 | <MDA | 040714/0736 |
| 4/4/14 | 4/4/14 0800 | 4/4/14 1600 | A230404140800 | 208 | 329 | 040414/2354 | 67 | 95 | 040414/2354 | 23 | 8 | 040714/1544 |
| 4/4/14 | 4/4/14 1600 | 4/5/14 0010 | A230405141600 | 208 | 350 | 040514/0059 | 54 | 69 | 040514/0814 | 13 | 4.4 | 040814/0020 |
| 4/5/14 | 4/5/14 0010 | 4/5/14 0815 | A230405140010 | 144 | 246 | 040514/0954 | 64 | 111 | 040514/1619 | 14 | <MDA | 040814/0819 |
| 4/5/14 | 4/5/14 0815 | 4/5/14 1615 | A230405140815 | 163 | 291 | 040514/1742 | 53 | 97 | 040614/0006 | 7 | 5 | 040814/1554 |
| 4/5/14/ | 4/5/14 1615 | 4/6/14 0002 | A230405141615 | 359 | 645 | 040614/0028 | 44 | 101 | 040614/0747 | 9 | 6 | 040914/0006 |
| 4/6/14 | 4/6/14 0002 | 4/6/14 0813 | A230406140002 | 342 | 595 | 040614/0932 | 73 | 147 | 040614/1600 | 6 | <MDA | 040914/0742 |
| 4/6/14 | 4/6/14 0813 | 4/6/14 1615 | A230406140813 | 456 | 798 | 040614/1643 | 91 | 150 | 040714/0003 | 6.1 | 8.6 | 040914/1550 |
| 4/6/14 | 4/6/14 1615 | 4/7/14 0005 | A230406141615 | 271 | 488 | 040714/0023 | 39 | 76 | 040714/0736 | 6.1 | 14 | 041014 0007 |
| 4/7/14 | 4/7/14 0005 | 4/7/14 0815 | A230407140005 | 445 | 842 | 040714/0848 | 80 | 152 | 040714/1544 | 4.8 | 4.4 | 041014/0812 |
| 4/7/14 | 4/7/14 0815 | 4/7/14 1620 | A230407140815 | 234 | 400 | 040714/1647 | 53 | 99 | 040814/0016 | 8 | 6.6 | 041014/1627 |
| 4/7/14 | 4/7/14 1620 | 4/8/14 0001 | A230407141620 | 148 | 273 | 040814/0034 | 34 | 57 | 040814/0817 | 2.4 | 1.2 | 041114/0004 |
| 4/8/14 | 4/8/14 0001 | 4/8/14 0810 | A230408140001 | 236 | 440 | 040814/0912 | 62 | 116 | 040814/1553 | 7.5 | 9.6 | 041114/0802 |
| 4/8/14 | 4/8/14 0810 | 4/9/14 1615 | A230408140810 | 259 | 474 | 040814/1649 | 53 | 100 | 040914/0006 | 2.9 | 3.2 | 041114/1559 |
| 4/8/14 | 4/8/14 1615 | 4/9/14 0000 | A230408141615 | 146 | 267 | 040914/0108 | 51 | 71 | 040914/0742 | 4.3 | 2.2 | 041114/2355 |

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N/A = Not Analyzed N/P = Not Performed

# Station A, Before the Filtration System

**Caution: Results may require intrepertation due to varying counting times and methods of analysis**

| Date | Date & Time Installed | Date & Time Removed | Filter ID | Alpha (dpm) | Beta (dpm) | Initial Count (date/time) | Alpha (dpm) | Beta (dpm) | Re-count (date/time) | Alpha (dpm) | Beta (dpm) | Final Count (date/time) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4/9/14 | 4/9/14 0000 | 4/9/14 0825 | A230409140000 | 292 | 513 | 040914/0901 | 58 | 113 | 040914/1549 | 2.4 | 2.8 | 041214/0746 |
| 4/9/14 | 4/9/14 0825 | 4/9/14 1605 | A230409140825 | 252 | 467 | 040914/1641 | 50 | 93 | 041014/0002 | 11.8 | 4.6 | 041214/1551 |
| 4/9/14 | 4/9/14 1605 | 4/10/14 0005 | A230409141605 | 201 | 333 | 041014/0058 | 32 | 57 | 041014/0811 | 5.1 | 1.6 | 041214/2343 |
| 4/10/14 | 4/10/14 0005 | 4/10/14 0825 | A230410140005 | 394 | 690 | 041014/0900 | 64 | 107 | 041014/1625 | 7.7 | 4 | 041314/0740 |
| 4/10/14 | 4/10/14 0825 | 4/10/14 1600 | A230410140825 | 206 | 329 | 041014/1647 | 45 | 74 | 041114/0001 | 4.8 | <MDA | 041314/1551 |
| 4/10/14 | 4/10/14 1600 | 4/11/14 0001 | A130410141600 | 230 | 406 | 041114/0049 | 52 | 80 | 041114/0757 | 10.2 | 4 | 041314/2338 |
| 4/11/14 | 4/11/14 0001 | 4/11/2014 0805 | A130411140001 | 176 | 266 | 041114/1009 | 86 | 122 | 041114/1603 | 24.3 | 8.2 | 041414/0825 |
| 4/11/14 | 4/11/14 0805 | 4/11/14 1600 | A130411140805 | 241 | 385 | 041114/1732 | 60 | 91 | 041214/0550 | 11.5 | 3.2 | 041414/1618 |
| 4/11/14 | 4/11/14 1600 | 4/12/14 0020 | A330411141600 | 314 | 597 | 041214/0050 | 40 | 79 | 041214/0746 | 2.4 | 2.2 | 041414/2344 |
| 4/12/14 | 4/12/14 0020 | 4/12/14 0755 | A330412140020 | 290 | 496 | 041214/0900 | 67 | 120 | 041214/1553 | 3.7 | 3.2 | 041514/0800 |
| 4/12/14 | 4/12/14 0755 | 4/12/14 1545 | A330412140755 | 302 | 523 | 041214/1630 | 65 | 91 | 041214/2343 | 11 | 5.2 | 041514/1552 |
| 4/12/14 | 4/12/14 1545 | 4/13/2014 0023 | A330412141545 | 213 | 355 | 041314/0045 | 43 | 63 | 041314/0739 | <MDA | <MDA | 041514/2358 |
| 4/13/14 | 4/13/2014 0023 | 4/13/2014 0802 | A330413140023 | 177 | 309 | 041314/0839 | 43 | 79 | 041314/1553 | 3.8 | 1.6 | 041514/0753 |
| 4/13/14 | 4/13/14 0802 | 04/13/14 1600 | A330413140802 | 243 | 435 | 041314/1634 | 66 | 84 | 041314/2338 | 15 | 4.8 | 041614/1557 |
| 4/13/14 | 04/13/14 1600 | 4/14/14 0003 | A330413141600 | 291 | 484 | 041414/0032 | 38 | 64 | 041414/0818 | 3.2 | <MDA | 041614/2355 |
| 4/14/14 | 4/14/14 0003 | 4/14/14 0810 | A330414140003 | 91 | 163 | 041414/0934 | 48 | 90 | 041414/1613 | 4.8 | <MDA | 041614/0821 |

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N/A = Not Analyzed N/P = Not Performed

# Station A, Before the Filtration System

## Caution: Results may require intrepertation due to varying counting times and methods of analysis

| Date | Date & Time Installed | Date & Time Removed | Filter ID | Alpha (dpm) | Beta (dpm) | Initial Count (date/time) | Alpha (dpm) | Beta (dpm) | Re-count (date/time) | Alpha (dpm) | Beta (dpm) | Final Count (date/time) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4/14/14 | 4/14/14 0810 | 4/14/14 1615 | A330414140810 | 88 | 168 | 041414/1730 | 39 | 68 | 041414/2344 | <MDA | <MDA | 041714/1621 |
| 4/14/14 | 4/14/14 1615 | 4/15/14 0000 | A330414141615 | 136 | 232 | 041514/0050 | 41 | 70 | 041514/0800 | <MDA | <MDA | 041714/2345 |
| 4/15/14 | 4/15/14 0000 | 4/15/14 0810 | A330414142355 | 198 | 333 | 041514/0916 | 68 | 106 | 041514/1600 | 5.6 | <MDA | 041814/0855 |
| 4/15/14 | 4/15/14 0810 | 4/15/14 1600 | A330415140810 | 209 | 349 | 041514/1647 | 41 | 78 | 041514/2357 | 8 | <MDA | 041814/1552 |
| 4/15/14 | 4/15/14 1600 | 4/16/14 0001 | A330415141600 | 217 | 360 | 041614/0020 | 36 | 68 | 041614/0753 | <MDA | <MDA | 41814/2354 |
| 4/16/14 | 4/16/14 0001 | 4/16/14 0820 | A330416140001 | 167 | 309 | 041614/0944 | 47 | 97 | 041614/1559 | 7 | <MDA | 041914/0750 |
| 4/16/14 | 4/16/14 0820 | 4/16/14 1554 | A330416140820 | 214 | 360 | 041614/1704 | 54 | 98 | 041614/2358 | 3.2 | <MDA | 041914/1558 |
| 4/16/14 | 4/16/14 1554 | 4/17/14 0000 | A330416141554 | 372 | 678 | 041714/0029 | 47 | 77 | 041714/0816 | 5.1 | <MDA | 041914/2352 |
| 4/17/14 | 4/17/14 0000 | 4/17/14 0800 | A330416140000 | 228 | 428 | 041714/0922 | 52 | 84 | 041714/1615 | 4.5 | 9.6 | 042014/0802 |
| 4/17/14 | 4/17/14 0800 | 4/17/14 1605 | A330417140800 | 332 | 561 | 041714/1700 | 93 | 177 | 041714/2344 | 4 | 5.8 | 042014/1547 |
| 4/17/14 | 4/17/14 1605 | 4/18/14 0005 | A330417141605 | 518 | 889 | 041814/0028 | 69 | 135 | 041814/0845 | 4.5 | 6.6 | 042014/2337 |
| 4/18/14 | 4/18/14 0005 | 4/18/14 0910 | A330418140005 | 553 | 1010 | 041814/0941 | 107 | 213 | 041814/1600 | 5.9 | 6.8 | 042114/0802 |
| 4/18/14 | 4/18/14 0910 | 4/18/14 1610 | A330418140910 | 647 | 1179 | 041814/1634 | 91 | 169 | 041814/2354 | 13.1 | <MDA | 042114/1556 |
| 4/18/14 | 4/18/14 1610 | 4/18/14 2345 | A330418141610 | 268 | 468 | 041914/0040 | 71 | 128 | 041914/0749 | 15.2 | 1 | 042114/2349 |
| 4/19/14 | 4/18/14 2345 | 4/19/14 0820 | A330418142345 | 503 | 831 | 418142345 | 93 | 148 | 041914/1559 | 13.4 | 4.6 | 042214/0811 |
| 4/19/14 | 4/19/14 0820 | 4/19/14 1620 | A330419140820 | 754 | 1330 | 041914/1634 | 101 | 161 | 041914/2353 | | | |

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N/A = Not Analyzed N/P = Not Performed

# Station A, Before the Filtration System

**Caution: Results may require intrepertation due to varying counting times and methods of analysis**

| Date | Date & Time Installed | Date & Time Removed | Filter ID | Alpha (dpm) | Beta (dpm) | Initial Count (date/time) | Alpha (dpm) | Beta (dpm) | Re-count (date/time) | Alpha (dpm) | Beta (dpm) | Final Count (date/time) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4/19/14 | 4/19/14 1620 | 4/20/14 0010 | A330419141620 | 456 | 759 | 042014/0036 | 92 | 126 | 042014/0753 | | | |
| 4/20/14 | 4/20/14 0010 | 4/20/14 0820 | A330420140010 | 272 | 1114 | 042014/0844 | 40 | 159 | 042014/1547 | | | |
| 4/20/14 | 4/20/14 0820 | 4/20/14 1610 | A330420140820 | 509 | 908 | 042014/1628 | 76 | 124 | 042014/2337 | | | |
| 4/20/14 | 4/20/14 1610 | 4/21/14 0000 | A330420141610 | 233 | 447 | 042114/0807 | 54 | 104 | 042114/0807 | | | |
| 4/21/14 | 4/21/14 0000 | 4/21/14 0830 | A330421140000 | 581 | 1154 | 042114/0857 | 107 | 200 | 042114/1559 | | | |
| 4/21/14 | 4/21/14 0830 | 4/21/14 1600 | A330421140830 | 326 | 582 | 042114/1649 | 92 | 171 | 042114/2349 | | | |
| 4/21/14 | 4/21/14 1600 | 4/22/14 0010 | A330421141600 | 316 | 588 | 042114/0035 | 51 | 101 | 042214/0811 | | | |
| 4/22/14 | 4/22/14 0010 | 4/22/14 0840 | A33042214/1025 | 205 | 387 | 042214/1025 | | | | | | |

All counts performed on a Tennelec XLB for 10 minutes unless otherwise noted.
* Values represent the results of isotopic analysis.

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dpm =Disintegrations Per Minute
N/A = Not Analyzed N/P = Not Performed

# Station B, After the Filtration System

## Caution: results may require interpretation due to varying counting times and methods of analysis

| Date | Date Time Installed | Date Time Removed | Filter ID | Alpha (dpm) | Beta (dpm) | First Count (date/time) | Alpha (dpm) | Beta (dpm) | Re-count (date/time) | Alpha (dpm) | Beta (dpm) | Final Count (date/time) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/14/14 | 2/14/14 0754 | 2/15/14 0835 | B130214140754 | 28.2K | 5877 | 021514/0850 | Not Performed (Lab Analysis) | | | 57K | <MDA | N/P |
| 2/15/14 | 2/15/14 0835 | 2/15/14 1445 | B130215140835 | 36.2K | 7340 | 021514/1134 | Not Performed (Lab Analysis) | | | Filter sent to SRS for Non-Rad Analysis | | |
| 2/15/14 | 2/15/14 1445 | 2/15/14 2305 | B130215141445 | 671 | 142 | 021714/1056 | Not Performed (Lab Analysis) | | | 875* | N/A | N/P |
| 2/15/14 | 2/15/14 2305 | 2/16/14 0904 | B130215142305 | 300 | 152 | 021614/0932 | 253.0 | 63 | 021614/1127 | 258* | N/A | N/P |
| 2/16/14 | 2/16/14 0904 | 2/16/14 1705 | B130216140904 | 144 | 67 | 021614/1755 | 111.0 | 22 | 021714/1201 | 128* | N/A | N/P |
| 2/16/14 | 2/16/14 1705 | 2/17/14 0030 | B130216141705 | 72 | 54 | 021714/0046 | 62.0 | 18 | 021714/1203 | 53* | N/A | N/P |
| 2/17/14 | 2/17/14 0030 | 2/17/14 0805 | B130217140030 | 43 | 26 | 021714/0930 | 30.0 | 23 | 021714/0955 | 31* | N/A | N/P |
| 2/17/14 | 2/17/14 0805 | 2/17/14 1600 | B130217140805 | 78 | 35 | 021714/1650 | 58.0 | 20 | 021714/1958 | 52* | N/A | N/P |
| 2/17/14 | 2/17/14 1600 | 2/18/14 0030 | B130217141600 | 65 | 55 | 021814/0051 | 45.0 | 18 | 021814/0423 | 706* | N/A | N/P |
| 2/18/14 | 2/18/14 0030 | 2/18/14 0901 | B130218140030 | 42 | 61 | 021814/0928 | 23.0 | 12 | 021814/1202 | 27* | N/A | N/P |
| 2/18/14 | 2/18/14 0901 | 2/18/14 1655 | B130218140901 | 41 | 29 | 021814/1754 | 28.0 | 7 | 021914/0315 | 34* | N/A | N/P |
| 2/18/14 | 2/18/14 1655 | 2/19/14 0105 | B130218141655 | 42 | 36 | 021914/0144 | 20.0 | 7 | 021914/0547 | 19* | N/A | N/P |
| 2/19/14 | 2/19/14 0105 | 2/19/14 0900 | B130219140105 | 33 | 44 | 021914/0952 | 20.0 | 15 | 021914/1222 | 11 | <MDA | 030614/1730 |
| 2/19/14 | 2/19/14 0900 | 2/19/14 1627 | B130219140900 | 36 | 34 | 021914/1708 | 25.0 | 10 | 021914/2036 | 23 | <MDA | 030614/1730 |

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N/A = Not Analyzed N/P = Not performed

# Station B, After the Filtration System

## Caution: results may require interpretation due to varying counting times and methods of analysis

| Date | Date Time Installed | Date Time Removed | Filter ID | Alpha (dpm) | Beta (dpm) | First Count (date/time) | Alpha (dpm) | Beta (dpm) | Re-count (date/time) | Alpha (dpm) | Beta (dpm) | Final Count (date/time) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/19/14 | 2/19/14 1627 | 2/20/14 0035 | B130219141627 | 45 | 46 | 022014/0107 | 25.0 | 9 | 022014/0359 | 17 | <MDA | 030614/1730 |
| 2/20/14 | 2/20/14 0035 | 2/20/14 0852 | B130220140035 | 52 | 21 | 022014/1035 | 38.0 | 14 | 022014/1226 | 42 | 8 | 030614/1730 |
| 2/20/14 | 2/20/14 0852 | 2/20/14 1654 | B130220140852 | 98 | 22 | 022014/1838 | 101.0 | 23 | 022014/2211 | 95 | 17 | 030614/1730 |
| 2/20/14 | 2/20/14 1654 | 2/21/14 0038 | B130220141654 | 40 | 19 | 022114/0204 | 33.0 | 11 | 022114/0521 | 34 | 9 | 030614/1730 |
| 2/21/14 | 2/21/14 0038 | 2/21/14 0820 | B130221140038 | 30 | 6 | 022114/1027 | 27.0 | 12 | 022114/1532 | 25 | 5 | 030614/1757 |
| 2/21/14 | 2/21/14 0820 | 2/21/14 1600 | B130221140820 | 37 | 15 | 022114/1654 | 41.0 | 12 | 022114/2028 | 33 | 5 | 030614/1730 |
| 2/21/14 | 2/21/14 1600 | 2/22/14 0019 | B130221141600 | 50 | 28 | 022214/0125 | 42.0 | 14 | 022214/0358 | 37 | 12 | 030614/1730 |
| 2/22/14 | 2/22/14 0019 | 2/22/14 0810 | B130222140019 | 30 | 22 | 022214/0946 | 19.0 | 12 | 022214/1151 | 13 | <MDA | 030614/1730 |
| 2/22/14 | 2/22/14 0810 | 2/22/14 1615 | B130222140810 | 28 | 17 | 022214/1713 | 22.0 | 10 | 022214/2004 | 15 | <MDA | 030614/1730 |
| 2/22/14 | 2/22/14 1615 | 2/22/14 2356 | B130222141615 | 32 | 33 | 022314/0047 | 22.0 | 9 | 022314/0404 | 11 | <MDA | 030614/1757 |
| 2/22/14 | 2/22/14 2356 | 2/23/14 0810 | B130222142356 | 21 | 29 | 022314/0938 | 19.0 | 17 | 022314/1227 | 9 | <MDA | 030614/1811 |
| 2/23/14 | 2/23/14 0810 | 2/23/14 1605 | B130223140810 | 7 | 22 | 022314/1642 | 17.0 | 7 | 022314/2010 | 14 | <MDA | 030614/1757 |
| 2/23/14 | 2/23/14 1605 | 2/24/14 0015 | B130223141605 | 40 | 54 | 022414/0054 | 19.0 | 13 | 022414/0401 | 12 | <MDA | 030614/1811 |
| 2/24/14 | 2/24/14 0015 | 2/24/14 0846 | B130224140015 | 14 | 19 | 022414/1136 | 14.0 | 14 | 022414/1540 | 9 | <MDA | 030614/1811 |

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N/A = Not Analyzed N/P = Not performed

# Station B, After the Filtration System

## Caution: results may require interpretation due to varying counting times and methods of analysis

| Date | Date Time Installed | Date Time Removed | Filter ID | Alpha (dpm) | Beta (dpm) | First Count (date/time) | Alpha (dpm) | Beta (dpm) | Re-count (date/time) | Alpha (dpm) | Beta (dpm) | Final Count (date/time) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/24/14 | 2/24/14 0846 | 2/24/14 1635 | B130224140846 | 22 | 28 | 022414/1733 | 8.0 | 8 | 022414/2031 | 6 | <MDA | 030614/1811 |
| 2/24/14 | 2/24/14 1635 | 2/25/14 0016 | B130224141635 | 45 | 72 | 022514/0029 | 8.0 | 12 | 022514/0404 | 6 | <MDA | 030614/1811 |
| 2/25/14 | 2/25/14 0016 | 2/25/14 0902 | B130225140016 | 41 | 53 | 022514/1012 | 14.0 | 21 | 022514/1403 | 9 | <MDA | 030614/1840 |
| 2/25/14 | 2/25/14 0902 | 2/25/14 1652 | B130225140902 | 39 | 59 | 022514/1742 | 12.0 | 7 | 022514/2000 | 5 | <MDA | 030614/1840 |
| 2/25/14 | 2/25/14 1652 | 2/26/14 0010 | B130225141652 | 27 | 41 | 022614/0101 | 12.0 | 10 | 022614/0450 | 7 | <MDA | 030614/1840 |
| 2/26/14 | 2/26/14 0010 | 2/26/14 0921 | B130226140010 | 26 | 21 | 022614/1051 | 23.0 | 16 | 022614/1423 | 19 | <MDA | 030614/1905 |
| 2/26/14 | 2/26/14 0921 | 2/26/2014 1616 | B130226140921 | 22 | 25 | 022614/1727 | Count Not Performed | | | 6 | <MDA | 030614/1905 |
| 2/26/14 | 2/26/14 1616 | 2/27/14 0030 | B130226141616 | 33 | 59 | 022714/0129 | 11.0 | 14 | 022714/0408 | 4 | <MDA | 030614/1825 |
| 2/27/14 | 2/27/14 0030 | 2/27/14 0806 | B130227140030 | 22 | 37 | 022714/0929 | 7.0 | 22 | 022714/1153 | 1 | <MDA | 030614/1825 |
| 2/27/14 | 2/27/14 0806 | 2/28/14 0012 | B130227140806 | 27 | 41 | 022814/0046 | 16.0 | 10 | 022814/0401 | 9 | <MDA | 030614/1825 |
| 2/28/14 | 02/28/14 0012 | 2/28/14 0927 | B130228140012 | 14 | 20 | 022814 /1024 | 8.0 | 5 | 022814/1408 | 4 | <MDA | 030614/1825 |
| 2/28/14 | 2/28/14 0927 | 2/28/14 1705 | B130228140927 | 6 | 7 | 022814 /1825 | 5.0 | <MDA | 022814/1919 | 5 | <MDA | 030614/1825 |
| 2/28/14 | 2/28/14 1705 | 3/1/14 0144 | B130228141705 | 16 | 28 | 030114 /0235 | 6.0 | 5 | 030114 /0528 | 3 | <MDA | 030614/1825 |
| 3/1/14 | 3/1/14 0144 | 3/1/14 0915 | B130301140144 | 21 | 35 | 030114/0957 | 6.0 | 8 | 030114/1257 | 2 | <MDA | 030614/1825 |

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# Station B, After the Filtration System

## Caution: results may require interpretation due to varying counting times and methods of analysis

| Date | Date Time Installed | Date Time Removed | Filter ID | Alpha (dpm) | Beta (dpm) | First Count (date/time) | Alpha (dpm) | Beta (dpm) | Re-count (date/time) | Alpha (dpm) | Beta (dpm) | Final Count (date/time) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/1/14 | 3/1/14 0915 | 3/1/14 1620 | B130301140915 | 10 | 10 | 030114/1735 | 4.0 | <MDA | 030114/2110 | 4 | <MDA | 030614/1825 |
| 3/1/14 | 3/1/14 1620 | 3/2/14 0045 | B130301141620 | 17 | 16 | 030214/0108 | 9.0 | 5 | 030214/0512 | 10 | 9 | 030614/1825 |
| 3/2/14 | 3/2/14 0045 | 3/2/14 0850 | B130302140045 | 51 | 81 | 030214/0925 | 19.0 | 20 | 030214/1156 | 5 | <MDA | 030914/2323 |
| 3/2/14 | 3/2/14 0850 | 3/2/14 1630 | B130302140850 | 51 | 37 | 030214/1723 | 34.0 | 18 | 030214/2122 | 38 | 7 | 030914/2326 |
| 3/2/14 | 3/2/14 1630 | 3/3/14 0106 | B130302141630 | 17 | 28 | 030314/0152 | 7.0 | 13 | 030314/0559 | 3.14 | <MDA | 030914/2327 |
| 3/3/14 | 3/3/14 0106 | 3/3/14 0820 | B130303140106 | 26 | 39 | 030314/0855 | 9.0 | 14 | 030314/1217 | 1.05 | <MDA | 030914/2327 |
| 3/3/14 | 3/3/14 0820 | 3/3/14 1620 | B130303140820 | 19 | 48 | 030314/1704 | 2.0 | 6 | 030314/2103 | 44 | 6 | 030914/2328 |
| 3/3/14 | 3/3/14 1620 | 3/4/14 0114 | B130303141620 | 22 | 33 | 030414/0208 | 5.0 | 8 | 030414/0543 | 1.31 | <MDA | 030914/2330 |
| 3/4/14 | 3/4/14 0114 | 3/4/14 0815 | B130304140114 | 31 | 49 | 030414/0846 | 8.0 | 11 | 030414/1130 | 3.66 | <MDA | 031014/0238 |
| 3/4/14 | 3/4/14 0815 | 3/4/14 1610 | B130304140815 | 18 | 26 | 030414/1639 | 4.0 | <MDA | 030414/1957 | 6.8 | <MDA | 030914/2330 |
| 3/4/14 | 3/4/14 1610 | 3/5/14 0005 | B130304141610 | 21 | 34 | 030514/0051 | 5.0 | 5 | 030514/0351 | 2.61 | <MDA | 030914/2331 |
| 3/5/14 | 3/5/14 0005 | 3/5/14 0810 | B130305140005 | 26 | 36 | 030514/0920 | 7.0 | 14 | 030514/1206 | 2.04 | <MDA | 030814/1332 |
| 3/5/14 | 3/5/14 0810 | 3/5/14 1608 | B130305140810 | 86 | 49 | 030514/1649 | 6.0 | 8 | 030514/2007 | **60 | 10 | 030814/1332 |

**After counting each filter quadrant separately it was determined that the filter was cross contaminated.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/5/14 | 3/5/14 1608 | 3/6/14 0015 | B130305141608 | 16 | 29 | 030614/0109 | 7.0 | 9 | 030614/0403 | 3.07 | <MDA | 030814/2329 |
| 3/6/14 | 3/6/14 0015 | 3/6/14 0835 | B130306140015 | 22 | 45 | 030614/0902 | 8.0 | 8 | 030614/1240 | 2.78 | <MDA | 030914/1016 |
| 3/6/14 | 3/6/14 0835 | 3/6/14 1620 | B130306140835 | 18 | 27 | 030614/1725 | 1.0 | <MDA | 030614/2348 | 3.03 | <MDA | 031014/0223 |
| 3/6/14 | 3/6/14 1620 | 3/7/14 0001 | B130306141620 | 18 | 35 | 030714/0039 | 2.0 | 5 | 030714/1255 | <MDA | <MDA | 031014/0104 |
| 3/7/14 | 3/7/14 0001 | 3/7/14 1140 | B130307140001 | 24 | 41 | 030714/1226 | 7.0 | 6 | 030814/0141 | 4 | <MDA | 031014/0030 |
| 3/7/14 | 3/7/14 1140 | 3/7/14 1710 | B130307141140 | 11 | 21 | 030714/1750 | 3.0 | <MDA | 030814/0157 | 4 | <MDA | 031014/1736 |
| 3/7/14 | 3/7/14 1710 | 3/8/14 0015 | B130307141710 | 10 | 15 | 030814/0122 | 3.0 | <MDA | 030814/2331 | 4 | <MDA | 031114/0017 |
| 3/8/14 | 3/8/14 0015 | 3/8/14 0855 | B130308140015 | 23 | 28 | 030814/0955 | 5.0 | <MDA | 030914/1017 | 4.34 | <MDA | 031114/1138 |
| 3/8/14 | 3/8/14 0855 | 3/8/14 1750 | B130308140855 | 22 | 21 | 030814/1815 | 15.0 | 6 | 030814/2335 | 11 | 5.82 | 031114/1401 |
| 3/8/14 | 3/8/14 1750 | 3/9/14 0055 | B130308141750 | 10 | 18 | 030914/0142 | 4.0 | 3 | 030914/1020 | <MDA | <MDA | 031214/0004 |
| 3/9/14 | 3/9/14 0055 | 3/9/14 0905 | B130309140055 | 17 | 31 | 030914/0952 | 2.0 | 2 | 031014/0803 | <MDA | <MDA | 031214/0747 |
| 3/9/14 | 3/9/14 0905 | 3/9/14 1650 | B130309140905 | 8 | 10 | 030914/1744 | 1.0 | 2 | 031014/0154 | <MDA | <MDA | 031214/1550 |
| 3/9/14 | 3/9/14 1650 | 3/10/14 0010 | B130309141650 | 21 | 39 | 031014/0046 | 1.0 | 3 | 031014/0801 | <MDA | <MDA | 031314/0000 |
| 3/10/14 | 3/10/14 0010 | 3/10/14 0915 | B130310140010 | 16 | 25 | 031014/1018 | 5.0 | 6 | 031014/1729 | 2.36 | <MDA | 031314/0751 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/10/14 | 3/10/14 0915 | 3/10/14 1640 | B130310140915 | 10 | 19 | 031014/1658 | 3.0 | 2 | 031114/1032 | <MDA | <MDA | 031314/1558 |
| 3/10/14 | 3/10/14 1640 | 3/11/14 0050 | B130310141640 | 26 | 45 | 031114/0132 | 4.0 | 5 | 031114/0753 | 3.07 | <MDA | 031314/2359 |
| 3/11/14 | 3/11/14 0050 | 3/11/14 0847 | B130311140050 | 38 | 59 | 031114/0918 | 6.0 | 10 | 31114/1511 | <MDA | <MDA | 031414/1100 |
| 3/11/14 | 3/11/14 0847 | 3/11/14 1619 | B130311140847 | 13 | 24 | 031114/1644 | 3.7 | <MDA | 031214/0003 | <MDA | <MDA | 031414/1559 |
| 3/11/14 | 3/11/14 1619 | 3/12/14 0030 | B130311141619 | 75 | 26 | 031214/0102 | 70.0 | 10 | 031214/0743 | 61 | 12 | 031514/0739 |
| 3/12/14 | 3/12/14 0030 | 3/12/14 0845 | B130312140030 | 26 | 20 | 031214/0925 | 18.0 | 8 | 031214/1545 | 14 | <MDA | 031514/0740 |
| 3/12/14 | 3/12/14 0845 | 3/12/14 1635 | B130312140845 | 10 | 16 | 031214/1653 | 5.0 | 8 | 031314/0010 | <MDA | <MDA | 031514/1618 |
| 3/12/14 | 3/12/14 1635 | 3/13/14 0047 | B130312141635 | 19 | 36 | 031314/0116 | 4.5 | 6 | 031314/0750 | <MDA | <MDA | 031514/2349 |
| 3/13/14 | 3/13/14 0047 | 3/13/14 0857 | B130313140047 | 17 | 25 | 031314/0927 | 3.0 | 5 | 031314/1535 | <MDA | <MDA | 031614/0809 |
| 3/13/14 | 3/13/14 0857 | 3/13/14 1635 | B130313140857 | 24 | 29 | 031314/1655 | 7.0 | 5 | 031414/0010 | 5 | <MDA | 031614/1659 |
| 3/13/14 | 3/13/14 1635 | 3/14/14 0050 | B130313141635 | 20 | 30 | 031414/0139 | 3.0 | 2 | 031414/1103 | <MDA | <MDA | 031714/0022 |
| 3/14/14 | 3/14/14 0050 | 3/14/14 0820 | B130314140050 | 15 | 20 | 031414/0940 | 5.0 | 7 | 031414/1533 | <MDA | <MDA | 031714/0803 |
| 3/14/14 | 3/14/14 0820 | 3/14/14 1655 | B130314140820 | 11 | 23 | 031414/1809 | 4.5 | 5 | 031514/0011 | 2.8 | <MDA | 031714/1601 |
| 3/14/14 | 3/14/14 1655 | 3/15/14 0020 | B130314141655 | 24 | 38 | 031514/0107 | 3.1 | <MDA | 031514/0742 | 2.7 | <MDA | 031814/0017 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/15/14 | 3/15/14 0020 | 3/15/14 0850 | B130315140020 | 32 | 63 | 031514/0932 | 5.0 | 13 | 031514/1617 | 2.4 | <MDA | 031814/0756 |
| 3/15/14 | 3/15/14 0850 | 3/15/14 1635 | B130315140850 | 18 | 34 | 031514/1705 | <MDA | <MDA | 031514/2350 | 3.1 | <MDA | 031814/1559 |
| 3/15/14 | 3/15/14 1635 | 3/16/14 0030 | B130315141635 | 19 | 18 | 031614/0139 | 13.0 | <MDA | 031614/0813 | 14 | <MDA | 031814/2358 |
| 3/16/14 | 3/16/14 0030 | 3/16/14 0835 | B130316140030 | 19 | 32 | 031614/0903 | 4.1 | <MDA | 031614/1601 | 4.2 | <MDA | 031914/0810 |
| 3/16/14 | 3/16/14 0835 | 3/16/14 1628 | B130316140835 | 10 | 18 | 031614/1705 | 4.0 | <MDA | 031714/0022 | 2.4 | <MDA | 031914/1604 |
| 3/16/14 | 3/16/14 1628 | 3/17/14 0030 | B130316141628 | 17 | 22 | 031714/0103 | 6.0 | 14 | 031714/0809 | <MDA | <MDA | 031914/2357 |
| 3/17/14 | 3/17/14 0030 | 3/17/14 0930 | B130317140030 | 22 | 33 | 031714/0957 | 7.0 | 7 | 031714/1605 | <MDA | <MDA | 032014/0816 |
| 3/17/14 | 3/17/14 0930 | 3/17/14 1648 | B130317140930 | 14 | 18 | 031714/1742 | 3.0 | <MDA | 031814/0016 | <MDA | <MDA | 032014/1524 |
| 3/17/14 | 3/17/14 1648 | 3/18/14 0001 | B130317141648 | 19 | 36 | 031814/0040 | 4.5 | 5 | 031814/0800 | <MDA | <MDA | 032114/0004 |
| 3/18/14 | 3/18/14 0001 | 3/18/14 0940 | B130318140001 | 23 | 53 | 031814/1014 | 4.3 | 10 | 031814/1626 | <MDA | <MDA | 032114/0845 |
| 3/18/14 | 3/18/14 0940 | 3/18/14 1635 | B130318140940 | 17 | 30 | 031814/1653 | 3.2 | 3.8 | 031814/2358 | <MDA | <MDA | 032114/1708 |
| 3/18/14 | 3/18/14 1635 | 3/19/14 0030 | B130318141635 | 19 | 24 | 031914/0043 | 6.0 | <MDA | 031914/0804 | 9 | <MDA | 032214/0843 |
| 3/19/14 | 3/19/14 0030 | 3/19/14 0928 | B130319140030 | 15 | 16 | 031914/1016 | 9.0 | 6 | 031914/1603 | 10 | 8 | 032214/0832 |
| 3/19/14 | 3/19/14 0928 | 3/19/14 1703 | B130319140928 | 8 | 11 | 031914/1800 | 3.0 | 3 | 032014/0003 | 4.4 | 4.1 | 032214/1800 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/19/14 | 3/19/14 1703 | 3/20/14 0015 | B130319141703 | 29 | 60 | 032014/0039 | 5.0 | 8 | 032014/0816 | <MDA | <MDA | 032214/2346 |
| 3/20/14 | 3/20/14 0015 | 3/20/14 0910 | B130320140015 | 8 | 16 | 032014/1102 | 5.0 | 7 | 032014/1525 | <MDA | <MDA | 032314/0755 |
| 3/20/14 | 3/20/14 0910 | 3/20/14 1643 | B130320140910 | 15 | 66 | 302014/1701 | 5.0 | 6 | 032114/0006 | <MDA | <MDA | 032314/1600 |
| 3/20/14 | 3/20/14 1643 | 3/21/14 0020 | B130320141643 | 33 | 56 | 032014/0041 | 4.7 | 7 | 032114/0831 | <MDA | <MDA | 032314/2343 |
| 3/21/14 | 3/21/14 0020 | 3/21/14 0815 | B130321140020 | 42 | 74 | 032114/0848 | 5.0 | 9 | 032114/1606 | <MDA | <MDA | 032414/0828 |
| 3/21/14 | 3/21/14 0815 | 3/21/14 1608 | B130321140815 | 26 | 43 | 032114/1630 | 5.0 | 9 | 032114/2341 | <MDA | <MDA | 032414/1555 |
| 3/21/14 | 3/21/14 1608 | 3/22/2014 0001 | B130321141608 | 32 | 61 | 032214/0039 | 6.0 | 8 | 032214/0805 | <MDA | <MDA | 032414/2323 |
| 3/22/14 | 3/22/14 0001 | 3/22/14 0805 | B130322140001 | 10 | 26 | 032214/0942 | 9.0 | 11 | 032214/1601 | <MDA | <MDA | 032514/0814 |
| 3/22/14 | 3/22/14 0805 | 3/22/14 1600 | B130322140805 | 19 | 5 | 032214/1647 | 4.0 | 9 | 032214/2344 | <MDA | <MDA | 032514/1616 |
| 3/22/14 | 3/22/14 1600 | 3/23/14 0000 | B130322141600 | 34 | 55 | 032314/0000 | <MDA | <MDA | 032314/2343 | <MDA | <MDA | 032614/0000 |
| 3/23/14 | 3/23/14 0000 | 3/23/14 0805 | B130323140000 | 23 | 30 | 032314/0805 | 8.0 | 8 | 032314/1600 | <MDA | <MDA | 032614/0819 |
| 3/23/14 | 3/23/14 0805 | 3/23/14 1557 | B130323140805 | 19 | 34 | 032314/1600 | 3.7 | 7 | 032414/0000 | <MDA | <MDA | 032614/1601 |
| 3/23/14 | 3/23/14 1557 | 3/24/14 0000 | B130324141557 | 29 | 29 | 032414/0049 | 4.4 | 7 | 032414/1316 | <MDA | <MDA | 032714/0000 |
| 3/24/14 | 3/24/14 0000 | 3/24/14 0810 | B130324140000 | 28 | 71 | 032414/0859 | 8.0 | 12 | 032414/1550 | 3.9 | 8 | 032714/0800 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/24/14 | 3/24/14 0810 | 3/24/14 1600 | A230324140810 | 13 | 39 | 032414/1713 | 3.9 | 10 | 032514/2338 | <MDA | <MDA | 032714/1608 |
| 3/24/14 | 3/24/14 1600 | 3/25/14 0000 | B130324141600 | 34 | 65 | 032514/0811 | 5.0 | 10 | 032514/0811 | <MDA | <MDA | 032714/2345 |
| 3/25/14 | 3/25/14 0000 | 3/25/14 0825 | B130325140000 | 48 | 84 | 032514/0846 | 8.0 | 13 | 032514/1608 | <MDA | <MDA | 032814/0744 |
| 3/25/14 | 3/25/14 0825 | 3/25/14 1612 | B130325140825 | 29 | 45 | 032514/1707 | 5.0 | 11 | 032614/0000 | <MDA | <MDA | 032814/1532 |
| 3/26/14 | 3/25/14 1612 | 3/26/14 0007 | B130325141612 | 11 | 21 | 032614/0048 | 4.0 | 6 | 032614/0816 | <MDA | <MDA | 032914/0011 |
| 3/26/14 | 3/26/14 0007 | 3/26/14 0810 | B130326140007 | 20 | 47 | 032514/0911 | 7.0 | 14 | 032614/1558 | <MDA | <MDA | 032914/0743 |
| 3/26/14 | 3/26/14 0810 | 3/26/14 1600 | B130326140810 | 21 | 29 | 032614/1637 | 3.9 | 4.5 | 032714/0000 | <MDA | <MDA | 032914/1534 |
| 3/26/14 | 3/26/14 1600 | 3/27/14 0020 | B130326141600 | 43 | 79 | 032714/0037 | 2.6 | 5 | 032714/0759 | <MDA | <MDA | 033014/0053 |
| 3/27/14 | 3/27/14 0020 | 3/27/14 0825 | B130327140020 | 19 | 30 | 032714/0909 | <MDA | <MDA | 032714/1600 | <MDA | <MDA | 033014/0751 |
| 3/27/14 | 3/27/14 0825 | 3/27/14 1010 | B130327140825 | 13 | 25 | 032714/1030 | 2.4 | <MDA | 032714/1758 | <MDA | <MDA | 033014/0751 |
| 3/27/14 | 3/27/14 1010 | 3/27/14 1610 | B130327141010 | 11 | 17 | 032714/1704 | <MDA | <MDA | 032814/0000 | 1.3 | <MDA | 033014/1529 |
| 3/27/14 | 3/27/14 1610 | 3/28/14 0001 | B130327140001 | 9 | 14 | 032814/0044 | <MDA | 4.1 | 032814/0800 | <MDA | <MDA | 033114/0003 |
| 3/28/14 | 3/28/14 0001 | 3/28/14 0805 | B130328140001 | 21 | 36 | 032814/0904 | 3.1 | 8 | 032814/1530 | <MDA | <MDA | 033114/0749 |
| 3/28/14 | 3/28/14 0805 | 3/28/14 1600 | B130328140805 | 14 | 18 | 032814/1600 | <MDA | 6 | 032914/0009 | <MDA | <MDA | 033114/1544 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/28/14 | 3/28/14 1600 | 3/29/14 0020 | B130328141600 | 16 | 20 | 032914/0107 | 3.7 | 5 | 032914/0743 | <MDA | <MDA | 033114/2346 |
| 3/29/14 | 3/29/14 0020 | 3/29/14 0815 | B130329140020 | 20 | 42 | 032914/0927 | 4.4 | 14 | 032914/1534 | <MDA | <MDA | 040114/0920 |
| 3/29/14 | 3/29/14 0815 | 3/29/14 1600 | B130329140815 | 15 | 23 | 032914/1636 | 2.8 | 3.5 | 032914/2359 | <MDA | <MDA | 040114/0921 |
| 3/29/14 | 3/29/14 1600 | 3/29/14 2345 | B130329141600 | 15 | 28 | 033014/0101 | 3.4 | 5 | 033014/0800 | <MDA | <MDA | 040114/2351 |
| 3/29/14 | 3/29/14 2345 | 3/30/14 0810 | B130329142345 | 7 | 14 | 033014/1011 | 5.0 | 10 | 033014/1600 | <MDA | <MDA | 040214/0806 |
| 3/30/14 | 3/30/14 0810 | 3/30/14 1603 | B130330140810 | 14 | 22 | 033014/1651 | 3.4 | 8 | 033114/0001 | 1.8 | <MDA | 040201/1548 |
| 3/30/14 | 3/30/14 1603 | 3/31/14 0100 | B130330141603 | 24 | 39 | 033114/0139 | 5.0 | 6 | 033114/0813 | 1.6 | <MDA | 040314/0000 |
| 3/31/14 | 3/31/14 0100 | 3/31/14 0800 | B130331140100 | 22 | 38 | 033114/0859 | 3.9 | 9 | 033114/1541 | <MDA | <MDA | 040314/0800 |
| 3/31/14 | 3/31/14 0800 | 3/31/14 1600 | B130331140800 | 11 | 17 | 033114/1638 | <MDA | <MDA | 033114/2343 | <MDA | <MDA | 040314/1624 |
| 3/31/14 | 3/31/14 1600 | 4/1/14 0020 | B130331141600 | 8 | 16 | 040114/0146 | <MDA | <MDA | 040114/0921 | <MDA | <MDA | 040314/2343 |
| 4/1/14 | 4/1/14 0020 | 4/1/14 0825 | B130401140020 | 11 | 16 | 040114/1023 | 3.1 | <MDA | 040114/1800 | <MDA | <MDA | 040414/0841 |
| 4/1/14 | 4/1/14 0825 | 4/1/14 1615 | B130401140825 | 5 | 17 | 040114/1703 | <MDA | <MDA | 040114/2351 | <MDA | <MDA | 040414/1556 |
| 4/1/14 | 4/1/14 1615 | 4/2/14 0005 | B130401141615 | 26 | 46 | 040214/0039 | 2.9 | 6 | 040114/0758 | <MDA | <MDA | 040414/2356 |
| 4/2/14 | 4/2/14 0005 | 4/2/14 0810 | B130402140005 | 10 | 29 | 040214/0917 | 5.0 | 7 | 040214/1548 | <MDA | <MDA | 040514/0814 |

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# Station B, After the Filtration System

## Caution: results may require interpretation due to varying counting times and methods of analysis

| Date | Date Time Installed | Date Time Removed | Filter ID | Alpha (dpm) | Beta (dpm) | First Count (date/time) | Alpha (dpm) | Beta (dpm) | Re-count (date/time) | Alpha (dpm) | Beta (dpm) | Final Count (date/time) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4/2/14 | 4/2/14 0810 | 4/2/14 1600 | B130402140810 | 13 | 22 | 040214/1646 | <MDA | <MDA | 040314/1200 | 2.4 | <MDA | 040514/1620 |
| 4/2/14 | 4/2/14 1600 | 4/3/14 0015 | B130402141600 | 14 | 20 | 040314/0055 | 1.6 | 3.9 | 040314/0747 | <MDA | <MDA | 040614/0006 |
| 4/3/14 | 4/3/14 0015 | 4/3/14 0811 | B130403140015 | 7 | 12 | 040314/0909 | 2.4 | 3.7 | 040314/1558 | <MDA | <MDA | 040614/0851 |
| 4/3/14 | 4/3/14 0811 | 4/3/14 1602 | B130403140811 | 10 | 15 | 040314/1648 | 2.6 | <MDA | 040414/0123 | <MDA | <MDA | 040614/1653 |
| 4/3/14 | 4/3/14 1602 | 4/4/14 0005 | B130403141602 | 20 | 31 | 040414/0037 | 2.6 | <MDA | 040414/0750 | <MDA | <MDA | 040714/0057 |
| 4/4/14 | 4/4/14 0005 | 4/4/14 0840 | B130404140005 | 32 | 67 | 040414/0912 | 7.0 | 10 | 040414/1549 | <MDA | <MDA | 040714/0737 |
| 4/4/14 | 4/4/14 0840 | 4/4/14 1620 | B130404140840 | 19 | 37 | 040414/1705 | 2.1 | 2.55 | 040414/2351 | <MDA | <MDA | 040714/1545 |
| 4/4/14 | 4/4/14 1620 | 4/5/14 0040 | B130404141620 | 26 | 51 | 040514/0057 | 5.0 | 9 | 040514/0814 | <MDA | <MDA | 040814/0006 |
| 4/5/14 | 4/5/14 0040 | 4/5/14 0900 | B130405140040 | 20 | 36 | 040514/0954 | 4.7 | 9 | 040514/1619 | <MDA | <MDA | 040814/0821 |
| 4/5/14 | 4/5/14 0900 | 4/5/14 1650 | B130405140900 | 24 | 44 | 040514/1735 | 2.9 | 6 | 040614/0001 | <MDA | <MDA | 040814/1557 |
| 4/5/14 | 4/5/14 1650 | 4/6/14 0015 | B130405141650 | 27 | 62 | 040614/0025 | 1.8 | 6 | 040614/0853 | <MDA | <MDA | 040914/0008 |
| 4/6/14 | 4/6/14 0015 | 4/6/14 0843 | B130406140015 | 41 | 57 | 040614/0929 | 7.0 | 14 | 040614/1656 | 1.3 | <MDA | 040914/0744 |
| 4/6/14 | 4/6/14 0843 | 4/6/14 1627 | B130406140843 | 19 | 28 | 040614/1644 | 2.1 | <MDA | 040714/0004 | 1.5 | 2.7 | 040914/1547 |
| 4/6/14 | 4/6/14 1627 | 4/7/14 0010 | B130406141627 | 26 | 53 | 040714/0023 | 5.0 | 9 | 040714/0737 | 1.8 | 8 | 041014/0150 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4/7/14 | 4/7/14 0010 | 4/7/14 0800 | B130407140010 | 30 | 55 | 040714/0850 | 4.2 | 12 | 040714/1545 | 2.6 | 3.1 | 041014/0217 |
| 4/7/14 | 4/7/14 0800 | 4/7/14 1610 | B130407140800 | 11 | 23 | 040714/1645 | 2.1 | 3.8 | 040814/0001 | 2.4 | 2.1 | 041014/1631 |
| 4/7/14 | 4/7/14 1610 | 4/8/14 0015 | B130407141610 | 28 | 50 | 040814/0031 | 3.7 | 8 | 040914/0830 | 1 | <MDA | 041114/0007 |
| 4/8/14 | 4/8/14 0015 | 4/8/14 0800 | B130408140015 | 14 | 28 | 040814/0911 | 3.1 | 10 | 040814/1557 | 0.3 | <MDA | 041114/0758 |
| 4/8/14 | 4/8/14 0800 | 4/8/14 1600 | B130408140800 | 13 | 23 | 040814/1647 | 3.1 | 3.9 | 040914/0008 | 1.3 | <MDA | 041114/1558 |
| 4/8/14 | 4/8/14 1600 | 4/9/14 0015 | B130408141600 | 19 | 35 | 040914/0109 | 5.0 | 5 | 040914/0744 | <MDA | <MDA | 041114/2356 |
| 4/9/14 | 4/9/10 0015 | 4/9/14 0810 | B130409140015 | 12 | 19 | 040914/0900 | 3.9 | 8 | 040914/1615 | 2.3 | <MDA | 041214/0745 |
| 4/9/14 | 4/9/14 0810 | 4/9/14 1625 | B130409140810 | 24 | 39 | 040914/1639 | 3.9 | 7 | 041014/0003 | <MDA | <MDA | 041214/1546 |
| 4/9/14 | 4/9/14 1625 | 4/10/14 0020 | B130409141625 | 29 | 46 | 041014/0057 | 3.1 | 6 | 041014/0816 | <MDA | 1.8 | 041214/2344 |
| 4/10/14 | 4/10/14 0020 | 4/10/14 0804 | B130410140020 | 31 | 55 | 041014/0901 | 6.0 | 11 | 041014/1630 | <MDA | 1.6 | 041314/0743 |
| 4/10/14 | 4/10/14 0804 | 4/10/14 1545 | B130410140804 | 13 | 18 | 041014/1648 | 4.4 | 5 | 041114/0000 | <MDA | <MDA | 041314/1552 |
| 4/10/14 | 4/10/14 1545 | 4/11/14 0020 | B13041014545 | 40 | 65 | 041114/0049 | 5.0 | 3.9 | 041114/0754 | <MDA | 1.4 | 041314/2338 |
| 4/11/14 | 4/11/14 0020 | 4/11/14 0835 | B130411140020 | 22 | 27 | 041114/1008 | 7.0 | 9 | 041114/1603 | 2.9 | 8.8 | 041414/0827 |
| 4/11/14 | 4/11/14 0835 | 4/11/14 1650 | B130411140835 | 13 | 28 | 041114/1730 | <MDA | 7 | 041214/0549 | <MDA | 2.7 | 041414/1621 |

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| Date | Date Time Installed | Date Time Removed | Filter ID | Alpha (dpm) | Beta (dpm) | First Count (date/time) | Alpha (dpm) | Beta (dpm) | Re-count (date/time) | Alpha (dpm) | Beta (dpm) | Final Count (date/time) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4/11/14 | 4/11/14 1650 | 4/12/14 0000 | B130411141650 | 18 | 37 | 041214/0050 | 4.2 | 9.6 | 041214/0753 | 1.3 | <MDA | 041414/2344 |
| 4/12/14 | 4/12/14 0000 | 4/12/14 0815 | B130412140000 | 35 | 58 | 041214/0900 | 6.0 | 6.9 | 041214/1549 | 2.1 | <MDA | 041514/0800 |
| 4/12/14 | 4/12/14 0815 | 4/12/14 1600 | B130412140815 | 14 | 28 | 041214/1629 | 1.6 | 4.1 | 041214/2343 | <MDA | <MDA | 041514/1554 |
| 4/12/14 | 4/12/14 1600 | 4/13/14 0000 | B130412141600 | 8 | 15 | 041314/0042 | 2.4 | 1.9 | 041314/0742 | <MDA | <MDA | 041614/0002 |
| 4/13/14 | 4/13/14 0000 | 4/13/14 0817 | B130413140000 | 27 | 59 | 041314/0839 | 3.9 | 5 | 041314/1554 | <MDA | <MDA | 041614/0752 |
| 4/13/14 | 4/13/14 0817 | 4/13/14 1617 | B130413140817 | 27 | 56 | 041314/1634 | 1.6 | 3.1 | 041314/2338 | <MDA | <MDA | 041614/1555 |
| 4/13/14 | 4/13/14 1617 | 4/14/14 0000 | B130413141617 | 22 | 3.9 | 041414/0031 | 2.6 | 5 | 041414/0820 | <MDA | <MDA | 041614/2351 |
| 4/14/14 | 4/14/14 0000 | 4/14/14 0845 | B130414140000 | 14 | 19 | 041414/0939 | 7.0 | 7 | 041414/1615 | 3.9 | <MDA | 041714/0915 |
| 4/14/14 | 4/14/14 0845 | 4/14/14 1645 | B130414140845 | 12 | 14 | 041414/1729 | 2.9 | 1.6 | 041414/2344 | <MDA | <MDA | 041714/1616 |
| 4/14/14 | 4/14/14 1645 | 4/15/14 0015 | B130414141645 | 24 | 43 | 041514/0051 | 6.0 | 4.9 | 041514/0800 | 0.8 | <MDA | 041714/2350 |
| 4/15/14 | 4/15/14 0015 | 4/15/14 0830 | B130415140015 | 21 | 36 | 041514/0916 | 6.0 | 6 | 041514/1600 | 3.4 | <MDA | 041814/0910 |
| 4/15/14 | 4/15/14 0830 | 4/16/14 1610 | B130415140830 | 10 | 18 | 041514/1648 | 2.6 | 2.9 | 041614/0001 | <MDA | <MDA | 041814/1555 |
| 4/15/14 | 4/15/14 1610 | 4/16/14 0010 | B130415141610 | 16 | 25 | 041614/0020 | 3.1 | 5.5 | 041614/0752 | <MDA | <MDA | 041814/2354 |
| 4/16/14 | 4/16/14 0010 | 4/16/14 0850 | B130416140010 | 25 | 45 | 041614/0944 | 4.2 | 7.5 | 041614/1559 | <MDA | <MDA | 041914/0751 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4/16/14 | 4/16/14 0850 | 4/16/14 1612 | B130416140850 | 14 | 21 | 041614/1703 | 3.9 | 2.7 | 041614/2355 | 2.6 | <MDA | 041914/1559 |
| 4/16/14 | 4/16/14 1612 | 4/17/14 0010 | B130416141612 | 27 | 56 | 041714/0029 | 2.9 | <MDA | 041714/0907 | 2.6 | 7.3 | 041914/2352 |
| 4/17/14 | 4/17/14 0010 | 4/17/14 0815 | B130417140010 | 17 | 30 | 041714/0849 | 4.7 | 6.7 | 041714/1612 | <MDA | <MDA | 042014/0805 |
| 4/17/14 | 4/17/14 0815 | 4/17/14 1620 | B130417140815 | 13 | 17 | 041714/1708 | 3.4 | 6.5 | 041714/2348 | <MDA | <MDA | 042014/1548 |
| 4/17/14 | 4/17/14 1620 | 4/18/14 0020 | B130417141620 | 39 | 83 | 041814/0027 | 4.4 | 8 | 041814/0845 | <MDA | <MDA | 042014/2338 |
| 4/18/14 | 4/18/14 0020 | 4/18/14 0840 | B130418140020 | 21 | 45 | 041814/0947 | 4.4 | 6.4 | 041814/1600 | <MDA | <MDA | 042114/0759 |
| 4/18/14 | 4/18/14 0840 | 4/18/14 1554 | B130418140840 | 27 | 40 | 041814/1634 | 3.1 | 2.2 | 041814/2355 | <MDA | <MDA | 042114/1553 |
| 4/18/14 | 4/18/14 1554 | 4/19/14 0005 | B130418141554 | 26 | 30 | 041914/0038 | 14.0 | 5 | 041914/0752 | 10.7 | <MDA | 042114/2347 |
| 4/19/14 | 4/19/14 0005 | 4/19/14 0805 | B130419140005 | 17 | 32 | 041914/0847 | 2.4 | 0 | 041914/1600 | <MDA | <MDA | 042214/0812 |
| 4/19/14 | 4/19/14 0805 | 4/19/14 1600 | B130419140805 | 11 | 20 | 041914/1645 | 20.0 | 3.1 | 041914/2352 | | | |
| 4/19/14 | 4/19/14 1600 | 4/20/14 0000 | B130419141600 | 15 | 32 | 041914/0036 | 1.6 | 0.6 | 042014/0805 | | | |
| 4/20/14 | 4/20/14 0000 | 4/20/14 0800 | B130420140000 | 21 | 38 | 042014/0843 | 2.6 | 8.2 | 042014/1548 | | | |
| 4/20/14 | 4/20/14 0800 | 4/20/14 1600 | B130420140800 | 12 | 22 | 042014/1628 | 0.3 | 2.4 | 042014/2338 | | | |
| 4/20/14 | 4/20/14 1600 | 4/21/14 0015 | B130420141600 | 48 | 82 | 042114/0032 | 3.9 | 8.4 | 042114/0803 | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4/21/14 | 4/21/14 0015 | 4/21/14 0805 | B130421140015 | 36 | 69 | 042114/0856 | 5.0 | 14.1 | 042114/1557 | | | |
| 4/21/14 | 4/21/14 0805 | 4/21/14/1 620 | B130421140805 | 12 | 29 | 042114/1649 | 2.6 | 4.5 | 042114/2348 | | | |
| 4/21/14 | 4/21/14 1620 | 4/22/14 0000 | B13042141620 | 18 | 40 | 042214/0033 | 1.6 | 4.1 | 042214/0812 | | | |
| 4/22/14 | 4/22/14 0000 | 4/22/14 0820 | B130422140000 | 7 | 15 | 042214/1023 | | | | | | |

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