ENTERED

Allen, Pam, NMENV

From: Maestas, Ricardo, NMENV
Sent: Wednesday, August 13, 2014 10:12 AM
To: Allen, Pam, NMENV
Subject: FW: WIPP Information - For Call Today, Number 1 888 413 3490, Code 7175394
Attachments: 41-b-856 WHT dp Daily Averages_4-16-14.pdf; 41-b-857 WHT dp Daily Averages_4-16-14.pdf; 1300 Meeting Action Items 041614.xlsx; Station A and B Filter Readings for Public Release 4-16-14.xlsx

This one Pam.

From: Oba Vincent [mailto:oba.vincent@cbfo.doe.gov]
Sent: Thursday, April 17, 2014 10:19 AM
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; 'brozowski.george@epa.gov'; 'Fraass, Ron'; 'Russell Hardy'; 'Veal.Lee@epamail.epa.gov'; 'Economy, Kathleen (Economy.Kathleen@epa.gov)'; 'Poppell, Sam W. (Poppell.Sam@epa.gov)'; Maestas, Ricardo, NMENV
Cc: George Basabilvazo - WIPPNet; 'Reynolds, Tammy - NWP (Tammy.Reynolds@wipp.ws)'; 'Pace, Berry (Berry.Pace@wipp.ws)'; 'Alton.Harris@em.doe.gov'; Susan McCauslin; 'Joe Harvill (jharvill@portageinc.com)'; 'Kennedy, Scott - NWP (Scott.Kennedy@wipp.ws)'; 'Jones, Stewart - RES'; 'Berta Oates'; 'schultheisz.daniel@epa.gov'; Philip Theisen - ORISE; Russ Patterson - WIPPNet; 'Kouba, Steve - WRES (Steve.Kouba@wipp.ws)'; Roger Nelson - WIPPNet; 'Bignell, Dale - CTAC'
Subject: RE: WIPP Information - For Call Today, Number 1 888 413 3490, Code 7175394

Sorry, here are the attachments.

Thanks

From: Oba Vincent
Sent: Thursday, April 17, 2014 10:01 AM
To: 'Kliphuis, Trais'; 'peake.tom@epa.gov'; 'Edwards, Jonathan'; 'Walsh, Jonathan'; 'Perrin, Alan'; 'Bob.Kehrman@wipp.ws'; 'Rick.Chavez@wipp.ws'; 'Stone.Nick@epa.gov'; 'coleman.smith@state.nm.us'; 'brozowski.george@epa.gov'; 'Fraass, Ron'; 'Russell Hardy'; 'Veal.Lee@epamail.epa.gov'; 'Economy, Kathleen (Economy.Kathleen@epa.gov)'; 'Poppell, Sam W. (Poppell.Sam@epa.gov)'; 'Maestas, Ricardo, NMENV <Ricardo.Maestas@state.nm.us> (Ricardo.Maestas@state.nm.us)'
Cc: George Basabilvazo - WIPPNet; 'Reynolds, Tammy - NWP (Tammy.Reynolds@wipp.ws)'; 'Pace, Berry (Berry.Pace@wipp.ws)'; 'Alton.Harris@em.doe.gov'; Susan McCauslin; 'Joe Harvill (jharvill@portageinc.com)'; 'Kennedy, Scott - NWP (Scott.Kennedy@wipp.ws)'; 'Jones, Stewart - RES'; 'Berta Oates'; 'schultheisz.daniel@epa.gov'; Philip Theisen - ORISE; Russ Patterson - WIPPNet; 'Kouba, Steve - WRES (Steve.Kouba@wipp.ws)'; Roger Nelson - WIPPNet; 'Bignell, Dale - CTAC'
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Attached is the list of action items, filter performance data, and station A/B data.

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

- Station A and B Sampling: The CAM at Station B is functioning. A reading was reported this morning at 0.37 DAC-hrs. The alarm will be set at 40 DAC-hrs. The system is expected to go into service on 4/28. NWP hopes to return approximately 90 additional workers to the site on 4/23.

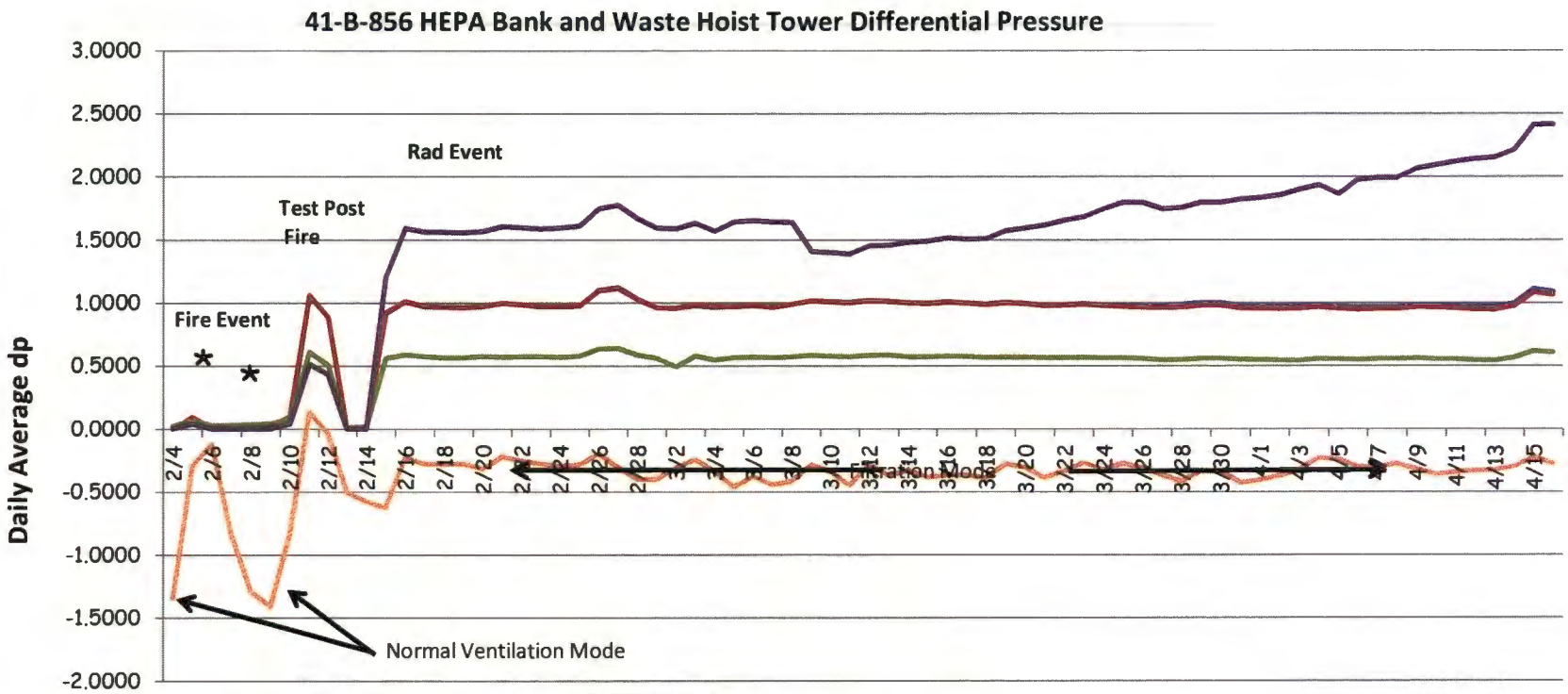
140491

- SS and AIS Shaft/Rope Inspections: The weekly MSHA inspection of the AIS and SS is due prior to the next entry. Decisions will be made today regarding the schedule.
- Contamination survey to the waste face (Phase 3): This has been broken into multiple activities.
    - Activity 2, 3 & 4: Survey and proceed to E140/S2520; Survey from S2750 west to W170. If contamination is found, return to E-140/S-2520 and survey to S-2750, then west towards Panel 6 for assessment of event or until turn-back limits are reached. If no contamination is found at W-170/S-2520, enter Panel 7 and survey to waste face or until turn-back limits are reached. Activities 2 and 3 were completed. At the intersection of W-170/S-2520, some contamination was found; however surveys at that area moving towards panel 6 resulted in no contamination being found. The team progressed forward into Panel 7 in route to Room 7. At the entrance to Room 2 contamination was detected on the salt, the respirator face pieces, mine phone and on the wheels of the cart. As a smaller group of the team progressed to the entrance of room 3, higher levels of contamination were detected. The air in this area was also very stagnant. Based on the amount of battery time remaining on the PAPRs, the decision was made to retreat and begin exiting the mine. Swipes of the contaminated areas and contaminated salt samples were obtained for analysis for radon and transuranics. A hot wash was performed once all team members were back on the surface. A post-job will be held on this afternoon to incorporate any Lessons Learned prior to continuing to Activity 4. Procedures and safety documentation will be updated prior to the next entry. The most likely date for re-entry will be 4/23.
- The filter change mock-up is on-going April 15 thru 17. NWP has completed a critical review the filter replacement schedule and determined that they can be task ready on 5/12. Additional filters are expected on 4/17.
- The current Mod filter DPs are: 856 HEPA Bank – 2.44; 857 HEPA Bank – 1.91. The alarm set point is 3.0.
- Shipments of TRU waste from LANL to WCS are continuing. Seven shipments have been completed for the week (22 total).
- The robot is being demonstrated at the site on 4/17.
- Recovery framework briefing for HQ will be conducted on 4/17.
- The site will enter waste handling mode today in order to move waste from the TRUPACT II unloading docks. This will allow TRUPACT II's to be brought in, surveyed and released for routine off-site maintenance.
- The AIB report on the radiological release will most likely be released next week.
- Town hall meeting tonight.

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

Thanks

Oba



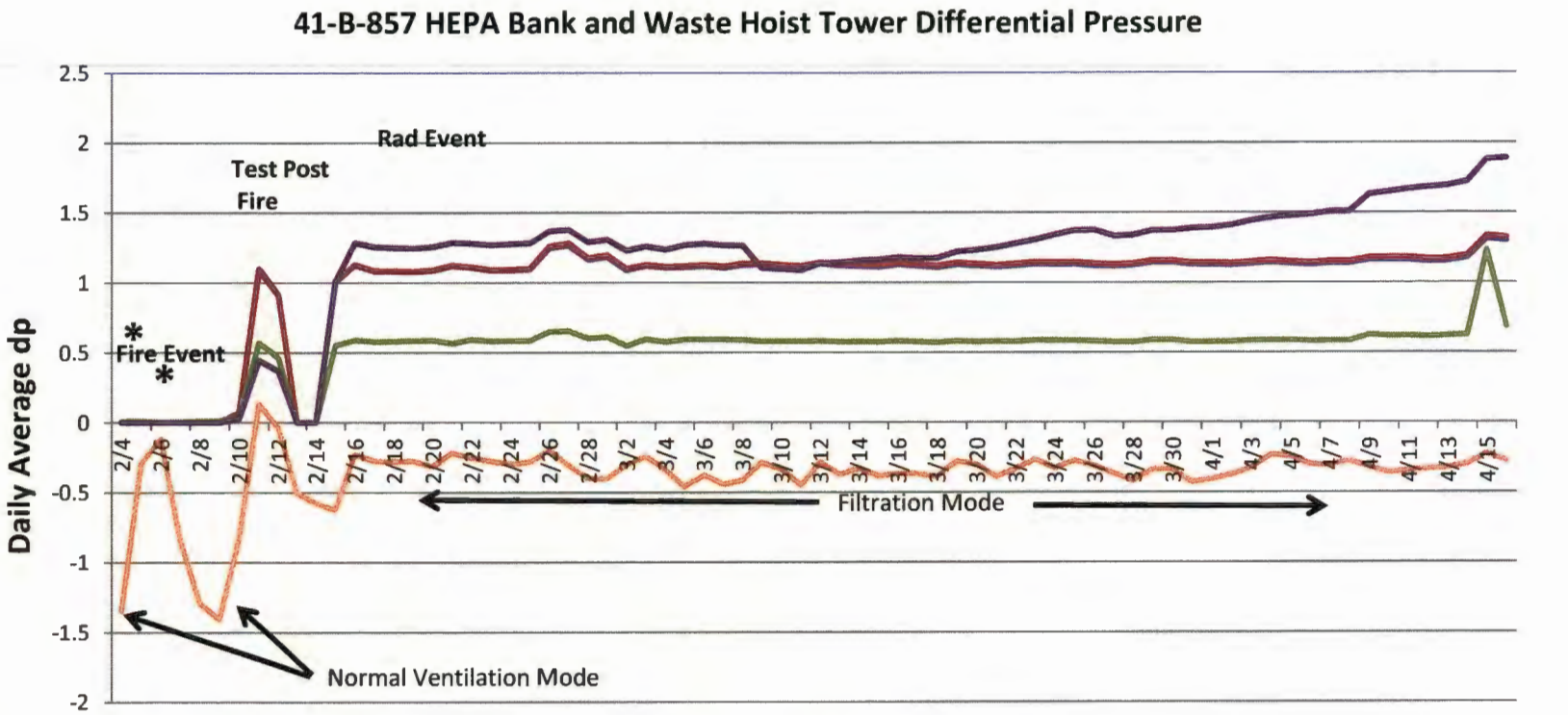
Prior to 2/5/2014 (2/3 @ 0200-0215)

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)

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

WIPP RECOVERY 1:00 DAILY MEETING ACTION LIST
Revised 4/16/2014 pm

	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 4/16/2014 pm

	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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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	This is based on NM Congressional pressure. Waiting to hear if EPA needs funding. EPA will locate samplers at 3 locations (Far Field [2], East and South). Estimated cost $25,000.
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 4/16/2014 pm

	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 Kliphuis post 4/9 meeting email, this item is still open. Response combined with item #25.

WIPP RECOVERY 1:00 DAILY MEETING ACTION LIST
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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? 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 post 4/9 meeting email, 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
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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	Jill Farnsworth is preparing a response.

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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	Savanah River team is onsite working with mock the week of 4/14.
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

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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.

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.

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MDA = Minimum Detectable Activity
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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)
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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Station A, Before the Filtration System

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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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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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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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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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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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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

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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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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 1610	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			
4/13/14	04/13/14 1600	4/14/14 0003	A330413141600	291	484	041414/0032	38	64	041414/0818			
4/14/14	4/14/14 0003	4/14/14 0810	A330414140003	91	163	041414/0934	48	90	041414/1613			

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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)
4/14/14	4/14/14 0810	4/14/14 1615	A330414140810	88	168	041414/1730	39	68	041414/2344			
4/14/14	4/14/14 1615	4/14/14 2355	A330414141615	136	232	041514/0050	41	70	041514/0800			
4/15/14	4/14/14 2355	4/15/14 0810	A330414142355	198	333	041514/0916	68	106	041514/1600			
4/15/14	4/15/14 0810	4/15/14 1600	A330415140810	209	349	041514/1647	41	78	041514/2357			
4/15/14	4/15/14 1600	4/16/14 0001	A330415141600	217	360	041614/0020	36	68	041614/0753			
4/16/14	4/16/14 0001	4/16/14 0820	A330416140001	167	309	041614/0944						

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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)
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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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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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

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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)
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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Station B, After the Filtration System

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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)
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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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)
3/10/14	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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Station B, After the Filtration System

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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)
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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Station B, After the Filtration System

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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)
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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Station B, After the Filtration System

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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)
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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Station B, After the Filtration System

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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)
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

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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)
4/2/14	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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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)
4/7/14	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			
4/13/14	4/13/14 1617	4/14/14 0000	B130413141617	22	3.9	041414/0031	2.6	5	041414/0820			
4/14/14	4/14/14 0000	4/14/14 0845	B130414140000	14	19	041414/0939	7.0	7	041414/1615			
4/14/14	4/14/14 0845	4/14/14 1645	B130414140845	12	14	041414/1729	2.9	1.6	041414/2344			
4/14/14	4/14/14 1645	4/15/14 0015	B130414141645	24	43	041514/0051	6.0	4.9	041514/0800			
4/15/14	4/15/14 0015	4/15/14 0830	B130415140015	21	36	041514/0916	6.0	6	041514/1600			
4/15/14	4/15/14 0830	4/16/14 1610	B130415140830	10	18	041514/1648	2.6	2.9	041614/0001			
4/15/14	4/15/14 1610	4/16/14 0010	B130415141610	16	25	041614/0020	3.1	5.5	041614/0752			
4/16/14	4/16/14 0010	4/16/14 0850	B130416140010	25	45	041614/0944						

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