Allen, Pam, NMENV

ENTERED

From: Maestas, Ricardo, NMENV
Sent: Thursday, June 26, 2014 2:17 PM
To: Allen, Pam, NMENV
Subject: FW: NMED Questions
Attachments: Station A and B Filter Readings 2014.xlsx

March

From: Skibitski, Thomas, NMENV
Sent: Thursday, March 13, 2014 1:27 PM
To: Kliphuis, Trais, NMENV; Flynn, Ryan, NMENV; Kendall, Jeff, NMENV
Cc: Tongate, Butch, NMENV; Winchester, Jim, NMENV; Blaine, Tom, NMENV; Schwender, Erika, NMENV; Kieling, John, NMENV; Nelson, Morgan, NMENV; Maestas, Ricardo, NMENV; Smith, Coleman, NMENV; Holmes, Steve, NMENV; LucasKamat, Susan, NMENV; Turner, Jill, NMENV
Subject: RE: NMED Questions

Please see the attached, tab "combined numbers"
Blue highlighted columns are what we should expect to see IF the design efficiency was indeed 99.97%.

I multiplied the station a data by 0.9997
TS

From: Kliphuis, Trais, NMENV
Sent: Wednesday, March 12, 2014 12:44 PM
To: Flynn, Ryan, NMENV; Kendall, Jeff, NMENV
Cc: Tongate, Butch, NMENV; Winchester, Jim, NMENV; Blaine, Tom, NMENV; Schwender, Erika, NMENV; Skibitski, Thomas, NMENV; Kieling, John, NMENV; Nelson, Morgan, NMENV; Maestas, Ricardo, NMENV; Smith, Coleman, NMENV; Holmes, Steve, NMENV; LucasKamat, Susan, NMENV; Turner, Jill, NMENV
Subject: NMED Questions

Trais Kliphuis
WIPP Staff Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive E, Building 1
Santa Fe, New Mexico 87505

Office: 505-476-6051
Front Desk: 505-476-6000

From: Kliphuis, Trais, NMENV
Sent: Wednesday, March 12, 2014 12:44 PM
To: 'Oba Vincent'; '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'
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'
Subject: RE: WIPP Information - for call today

Please see the attached document listing our questions regarding the filtration system. Thanks.

140395

Trais Kliphuis
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Office: 505-476-6051
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From: Oba Vincent [mailto:oba.vincent@cbfo.doe.gov]
Sent: Tuesday, March 11, 2014 12:23 PM
To: Kliphuis, Trais, NMENV; 'peake.tom@epa.gov'; 'Edwards, Jonathan'; 'Walsh, Jonathan'; 'Perrin, Alan'; 'Bob.Kehrman@wipp.ws'; 'Rick.Chavez@wipp.ws'; 'Stone.Nick@epa.gov'; Smith, Coleman, NMENV; 'brozowski.george@epa.gov'; 'Fraass, Ron'
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'
Subject: WIPP Information - for call today

Attached are the tables and graph with the environmental data. Also attached is a revised version of the Consequence Assessment.
Thanks

Oba

Preliminary Information - Not for Public Release

Station A (A-2-3) Before the HEPA Filters

Date	Time Installed	Time Removed	Filter ID	Inst Model	Count Time	Alpha (dpm)	Beta (dpm)	First Count	Alpha (dpm)	Beta (dpm)	Re-count	Location
2/14/14	2/14/14 0742	2/15/14 0630	A23021414	Tennelec XLB	10 Mins	4.4M	1.2M	021514/0649				WIPP Labs
2/15/14	2/15/14 0630	2/15/14 0840	A23021514	Tennelec XLB	10 Mins	225K	46.8K	021514/0916				WIPP Labs
2/15/14	2/15/14 0840	2/15/14 1510	A23021514 0840	Tennelec XLB	10 Mins	285K	54K	021514/1541				SRS Lab
2/15/14	2/15/14 1510	2/15/14 2330	A23021514 1510	Tennelec XLB	10 Mins	124050	24481	021614/0012				SRS Lab
2/15/14	2/15/14 2330	2/16/14 0850	A23021514 2330	Tennelec XLB	10 Mins	47283	10558	021614/0917				On Site
2/16/14	2/16/14 0850	2/16/14 1648	A23021614 0850	Tennelec XLB	10 Mins	12215	2842	121614/1927				On Site
2/16/14	2/16/14 1648	2/17/14 0015	A23021614 1650	Tennelec XLB	10 Mins	4051	1256	021714/0046				On Site
2/17/14	2/17/14 0015	2/17/14 0820	A23021714 0015	Tennelec XLB	10 Mins	1802	638	021714/0942	1723	573	021714/1012	On Site
2/17/14	2/17/14 0820	2/17/14 1620	A23021714 0820	Tennelec XLB	10 Mins	1048	621	021714/1705				On Site
2/17/14	2/17/14 1620	2/18/14 0010	A23021714 1620	Tennelec XLB	10 Mins	802	633	021814/0051	633 592	230 210	021814/1012 021814/0751	On Site
2/18/14	2/18/14 0010	2/18/14 0820	A23021814 0010	Tennelec XLB	10 Mins	326	338	021814/0928	237 212	157 116	021814/1202 021814/1824	On Site
2/18/14	2/18/14 0820	2/18/14 1605	A23021814 0820	Tennelec XLB	10 Mins	609	780	021814/1624	258	118	021914/0315	On Site
2/18/14	2/18/14 1605	2/19/14 0035	A23021814 1605	Tennelec XLB	10 Mins	346	340	021914/0143	227	143	021914/0547	On Site
2/19/14	2/19/14 0035	2/19/14 0823	A23021914 0040	Tennelec XLB	10 Mins	224	320	021914/0952	136	143	021914/1222	On Site

Preliminary Information – Not for Public Release

Station A (A-2-3) Before the HEPA Filters

Date	Time Installed	Time Removed	Filter ID	Inst Model	Count Time	Alpha (dpm)	Beta (dpm)	First Count	Alpha (dpm)	Beta (dpm)	Re-count	Location
2/19/14	2/19/14 0823	2/19/14 1600	A23021914 0823	Tennelec XLB	10 Mins	264	443	021914/1708	130	137	021914/2046	On-Site
2/19/14	2/19/14 1600	2/20/14 0018	A23021914 1600	Tennelec XLB	10 Mins	286	378	022014/0124	150	119	02214/0352	On-Site
2/19/14	2/19/14 0018	2/20/14 0817	A23022014 0018	Tennelec XLB	10 Mins	290	219	022014/1010	216	146	022014/1256	On-Site
2/20/14	2/20/14 0817	2/20/14 1624	A23022014 0817	Tennelec XLB	10 Mins	135	131	0222014/1838	107	85	022014/2204	On-Site
2/20/14	2/20/14 1624	2/21/14 0012	A23022014 1624	Tennelec XLB	10 Mins	231	103	022114/0154	203	84	022114/0505	On-Site
2/21/14	2/21/14 0012	2/21/14 0845	A23022114 0012	Tennelec XLB	10 Mins	330	146	022114/1027	286	105	022114/1532	On-Site
2/21/14	2/21/2014 0845	2/21/2014 1620	A230221140845	Tennelec XLB	10 Mins	253	199	022114/1654	175	86	022114/2000	On-Site
2/21/14	2/21/2014 1620	2/22/2014 0050	A230221141620	Tennelec XLB	10 Mins	388	549	022114/0124	215	154	022114/0400	On-Site
2/22/14	2/22/2014 0050	2/22/2014 0830	A230222140050	Tennelec XLB	10 Mins	421	599	022214/0906	180	154	022214/1150	On-Site
2/22/14	2/22/2014 0830	2/22/2014 1650	A230222140830	Tennelec XLB	10 Mins	243	337	022214/1713	140	166	022214/2004	On-Site
2/22/14	2/22/2014 1650	2/23/2014 0011	A230222141650	Tennelec XLB	10 Mins	487	626	022314/0047	208	129	022314/0401	On-Site
2/23/14	2/23/2014 0011	2/23/2014 0830	A230223140011	Tennelec XLB	10 Mins	328	504	022314/0906	162	167	022314/1222	On-Site
2/23/14	2/23/2014 0830	2/23/2014 1615	A230223140830	Tennelec XLB	10 Mins	225	340					On-Site
2/23/14	2/23/2014 1615	2/24/2014 0025	A230223141615	Tennelec XLB	10 Mins	412	696	022414/0048	102	109	022414/0405	On-Site
2/24/14	2/24/2014 0025	2/24/2014 0912	A230224140025	Tennelec XLB	10 Mins	195	309	022414/1137	149	213	022414/1540	On-Site

Preliminary Information - Not for Public Release

Station A (A-2-3) Before the HEPA Filters

Date	Time Installed	Time Removed	Filter ID	Inst Model	Count Time	Alpha (dpm)	Beta (dpm)	First Count	Alpha (dpm)	Beta (dpm)	Re-count	Location
2/24/14	2/24/2014 0912	2/24/14 1702	A230224140912	Tennelec XLB	10 Mins	437	740	022414/1733	141	214	022414/2031	On-Site
2/24/14	2/24/14 1702	2/25/14 0005	A230224141702	Tennelec XLB	10 Mins	429	796	022514/0029	91	138	022514/0355	On-Site
2/25/14	2/25/14 0005	2/25/14 0830	A230225140005	Tennelec XLB	10 Mins	381	618	022514/0951	138	194	022514/1349	On-Site
2/25/14	2/25/14 0830	2/25/14 1628	A120225140830	Tennelec XLB	10 Mins	544	962	022514/ 1730	165	277	022514/ 2000	On-Site
2/25/14	2/25/14 1628	2/26/14 0025	A230225141628	Tennelec XLB	10 Mins	647	1140	022614/0100	161	263	022614/0407	On-Site
2/26/14	2/26/14 0025	2/26/14 0845	A230226140025	Tennelec XLB	10 Mins	307	487	022614/ 0958	158	225	022614/1354	On-Site
2/26/14	2/26/14 0845	2/26/14 1640	A230226140845	Tennelec XLB	10 Mins	377	579	022614/ 1729				On-Site
2/26/14	2/26/14 1640	2/27/14 0015	A230226141640	Tennelec XLB	10 Mins	458	826	022714/ 0052	114	172	022714/ 0408	On-Site
2/27/14	2/27/14 0015	2/27/14 0903	A230227140015	Tennelec XLB	10 Mins	685	1198	022714/ 0932	191	340	022714/ 1225	On-Site
2/27/14	2/27/2014 0903	2/27/14 1651	A230227140903	Tennelec XLB	10 Mins	457	793	022714/1726	78	103	022814/ 0424	On-Site
2/28/14	2/27/2014 1651	2/28/14 0015	A230227141651	Tennelec XLB	10 Mins	239	423	022812/0046	52	90	022814/ 0401	On-Site
2/28/14	2/28/14 0015	2/28/14 0835	A230228140015	Tennelec XLB	10 Mins	81	136	022814/1032	49	81	022814/ 1417	On-Site
2/28/14	2/28/14 0835	02/28/14 1615	A230228140835	Tennelec XLB	10 Mins	84	127	022814 / 1820	43	91	022814 / 2119	On-Site
3/1/14	2/28/14 1615	3/1/14 0104	A230228141615	Tennelec XLB	10 Mins	133	208	022814 / 0235	60	89	030114 / 0527	On-Site
3/1/14	3/1/14 0104	3/1/14 0855	A230301140104	Tennelec XLB	10 Mins	224	440	030114/0956	73	116	030114/1257	On-Site

Preliminary Information – Not for Public Release

Station A (A-2-3) Before the HEPA Filters

Date	Time Installed	Time Removed	Filter ID	Inst Model	Count Time	Alpha (dpm)	Beta (dpm)	First Count	Alpha (dpm)	Beta (dpm)	Re-count	Location
3/1/14	3/1/14 0855	3/1/14 1656	A230301140855	Tennelec XLB	10 Mins	186	354	030114/ 0536	69	94	030114/ 2109	On-Site
3/1/14	3/1/14 1656	3/2/14 0007	A230301141656	Tennelec XLB	10 Mins	121	213	030214/ 0107	47	55	030214/ 0512	On-Site
3/2/14	3/2/14 0007	3/2/14 0825	A230302140007	Tennelec XLB	10 Mins	918	1638	030214/0836	122	218	030214/ 1155	On-Site
3/2/14	3/2/14 0825	3/2/14 1650	A230302140825	Tennelec XLB	10 Mins	563	973	030214/ 1732	155	311	030214/ 0924	On-Site
3/2/14	3/2/14 1650	3/3/14 0106	A230302141650	Tennelec XLB	10 Mins	359	621	030314/0158	150	258	030314/ 0537	On-Site
3/3/14	3/3/14 0106	3/3/14 0817	A230303140106	Tennelec XLB	10 Mins	264	468	030314/ 0915	118	201	030314/ 1217	On-Site
3/3/14	3/3/14 0817	3/3/2014 1630	A230303140817	Tennelec XLB	10 Mins	380	699	030314/ 1704	97	172	030314/ 2103	On-Site
3/3/14	3/3/2014 1630	3/4/14 0034	A230303141630	Tennelec XLB	10 Mins	191	340	030414/ 0207	93	147	030414/ 0543	On-Site
3/4/14	3/4/14 0034	3/4/14 0817	A230304140034	Tennelec XLB	10 Mins	479	757	030414/ 0900	135	199	030414/1130	On-Site
3/4/14	3/4/14 0817	3/4/14 1557	A230304140817	Tennelec XLB	10 Mins	384	586	030414/ 1639	120	129	030414/ 1957	On-Site
3/4/14	3/4/14 1557	3/5/14 0022	A230304141557	Tennelec XLB	10 Mins	399	753	030514/ 0051	74	143	030514/ 0351	On-Site

Station A (A-2-3) Before the HEPA Filters

Date	Time Installed	Time Removed	Filter ID	Inst Model	Count Time	Alpha (dpm)	Beta (dpm)	First Count	Alpha (dpm)	Beta (dpm)	Re-count	Location

Preliminary Information-Not for Public Release

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

Date	Time Installed	Time Removed	Filter ID	Inst Model	Count Time	Alpha (dpm)	Beta (dpm)	First Count	Alpha (dpm)	Beta (dpm)	Re-count	Location
2/14/14	2/14/14 0754	2/15/14 0835	B13021414	Tennelec XLB	10 Mins	28205	5877	021514/0850				WIPP Labs
2/15/14	2/15/14 0835	2/15/14 1445	B13021514	Tennelec XLB	10 Mins	36194	7340					SRS Labs
2/15/14	2/15/14 1445	2/15/14 2305	B130215141445	Tennelec XLB	10 Mins	671	142	021714/1056				On-Site
2/15/14	2/15/14 2305	2/16/14 0904	B130215142305	Tennelec XLB	10 Mins	300	152	021614/0932	253 245 240	63 59 49	021614/1127 021614/1250 021614/1741	On-Site
2/16/14	2/16/14 0904	2/16/14 1705	B130216140904	Tennelec XLB	10 Mins	144	67	021614/1755				On-Site
2/16/14	2/16/14 1705	2/17/2014 0030	B130216141705	Tennelec XLB	10 Mins	72	54	021714/0046	62	18	021714/1203	On-Site
2/17/14	2/17/14 0030	2/17/14 0805	B130216140030	Tennelec XLB	10 Mins	43	26	021714/0930	30 32	23 16	021714/0955 021714/1400	On-Site
2/17/14	2/17/14 0805	2/17/14 1600	B130217140805	Tennelec XLB	10 Mins	78	35	021714/1650	58 24	20 13	021714/1958 021814/1823	On-Site
2/17/14	2/17/14 1600	2/18/14 0030	B130217141600	Tennelec XLB	10 Mins	65	55	021814/0051	45 36	18 12	021814/0423 021814/0751	On-Site
2/18/14	2/18/14 0030	2/18/14 0901	B130218140030	Tennelec XLB	10 Mins	42	61	021814/0928	23	12	021814/1202	On-Site
2/18/14	2/18/14 0901	2/18/14 1655	B130218140901	Tennelec XLB	10 Mins	41	29	021814/1754	28	7	021914/0315	On-Site
2/18/14	2/18/14 1655	2/19/14 0105	B130218141655	Tennelec XLB	10 Mins	42	36	021914/0144	20	7	021914/0547	On-Site
2/19/14	2/19/14 0105	2/19/14 0900	B130219140105	Tennelec XLB	10 Mins	33	44	021914/0952	20	15	021914/1222	On-Site
2/19/14	2/19/14 0900	2/19/14 1627	B130219140900	Tennelec XLB	10 Mins	36	34	021914/1708	25	10	021914/2036	On-Site

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

Date	Time Installed	Time Removed	Filter ID	Inst Model	Count Time	Alpha (dpm)	Beta (dpm)	First Count	Alpha (dpm)	Beta (dpm)	Re-count	Location
2/19/14	2/19/14 1627	2/20/14 0035	B130219141627	Tennelec XLB	10 Mins	45	46	022014/0107	25	9	022014/0359	On-Site
2/20/14	2/20/14 0035	2/20/14 0852	B130220140035	Tennelec XLB	10 Mins	52	21	022014/1035	38	14	022014/1226	On-Site
2/20/14	2/20/14 0852	2/20/14 1654	B130220140852	Tennelec XLB	10 Mins	98	22	022014/1838	101	23	022014/2211	On-Site
2/20/14	2/20/14 1654	2/21/14 0038	B130220141654	Tennelec XLB	10 Mins	40	19	022114/0204	33	11	022114/0521	On-Site
2/21/14	2/21/14 0038	2/21/14 0820	B130221140038	Tennelec XLB	10 Mins	30	6	022114/1027	27	12	022114/1532	On-Site
2/21/14	2/21/14 0820	2/21/14 1600	B130221140820	Tennelec XLB	10 Mins	37	15	022114/1654	41	12	022114/2028	On-Site
2/21/14	2/21/14 1600	2/22/14 0019	B130221141600	Tennelec XLB	10 Mins	50	28	022214/0125	42	14	022214/0358	On-Site
2/22/14	2/22/14 0019	2/22/14 0810	B130222140019	Tennelec XLB	10 Mins	30	22	022214/0946	19	12	022214/1151	On-Site
2/22/14	2/22/14 0810	2/22/14 1615	B130222140810	Tennelec XLB	10 Mins	28	17	022214/1713	22	10	022214/2004	On-Site
2/22/14	2/22/14 1615	2/22/14 2356	B130222141615	Tennelec XLB	10 Mins	32	33	022314/0047	22	9	022314/0404	On-Site
2/22/14	2/22/14 2356	2/23/14 0810	B130222142356	Tennelec XLB	10 Mins	21	29	022314/0938	19	17	022314/1227	On-Site
2/23/14	2/23/14 0810	2/23/14 1605	B130223140810	Tennelec XLB	10 Mins	7	22	022314/1642	17	7	022314/2010	On-Site
2/23/14	2/23/14 1605	2/23/14 0015	B130223141605	Tennelec XLB	10 Mins	40	54	022414/0054	19	13	022414/0401	On-Site
2/24/14	2/24/14 0015	2/24/14 0846	B130224140015	Tennelec XLB	10 Mins	14	19	022414/1136	14	14	022414/1540	On-Site
2/24/14	2/24/14 0846	2/24/14 1635	B130224140846	Tennelec XLB	10 Mins	22	28	022414/1733	8	8	022414/2031	On-Site

Preliminary Information-Not for Public Release

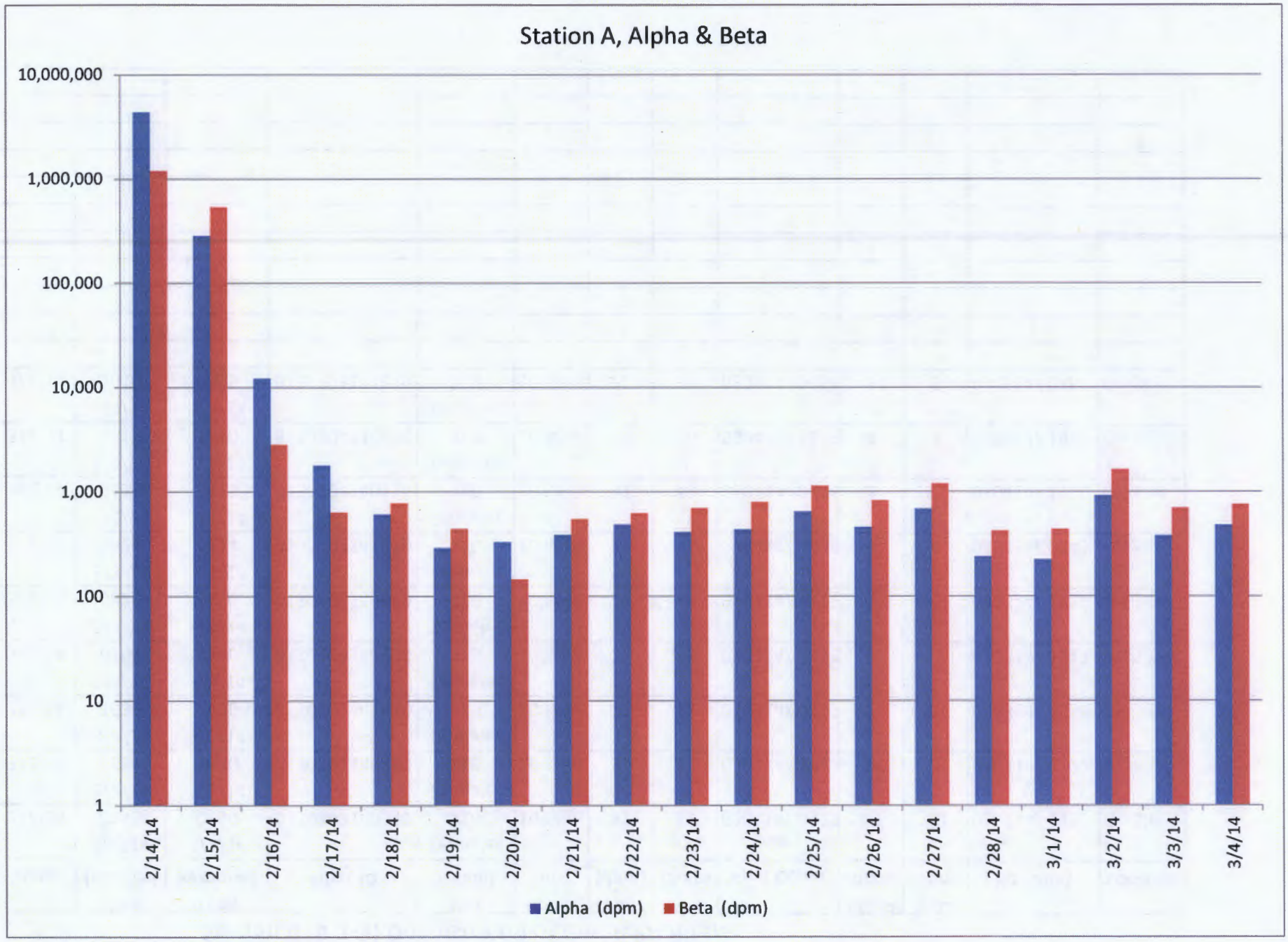
Station B (B-1-3) Downstream of the HEPA filters

Date	Time Installed	Time Removed	Filter ID	Inst Model	Count Time	Alpha (dpm)	Beta (dpm)	First Count	Alpha (dpm)	Beta (dpm)	Re-count	Location
2/24/14	2/24/14 1635	2/25/14 0016	B130224141635	Tennelec XLB	10 Mins	45	72	022514/0029	8	12	022514/0404	On-Site
2/25/14	2/25/14 0016	2/25/14 0902	B130225140016	Tennelec XLB	10 Mins	41	53	022514/ 1012	14	21	022514/1403	On-Site
2/25/14	2/25/14 0902	2/25/14 1652	B130225140902	Tennelec XLB	10 Mins	39	59	022514/ 1742	12	7	022514/ 2000	On-Site
2/25/14	2/25/14 1652	2/26/14 0010	B130225141652	Tennelec XLB	10 Mins	27	41	022614/ 0101	12	10	022614/ 0450	On-Site
2/26/14	2/26/14 0010	2/26/14 0921	B130226140010	Tennelec XLB	10 Mins	26	21	022614/ 1051	23	16	022614/ 1423	On-Site
2/26/14	2/26/14 0921	2/26/2014 1616	B130226140921	Tennelec XLB	10 Mins	22	25	022614/ 1727				On-Site
2/26/14	2/26/14 1616	2/27/14 0030	B130226141616	Tennelec XLB	10 Mins	33	59	022714/ 0129	11	14	022714/0408	On-Site
2/27/14	2/27/14 0030	2/27/14 0806	B130227140030	Tennelec XLB	10 Mins	22	37	022714/ 0929	7	22	022714/1153	On-Site
2/27/14	2/27/14 0806	2/28/14 0012	B130227140806	Tennelec XLB	10 Mins	27	41	022814/ 0046	16	10	022814/0401	On-Site
2/28/14	02/28/14 0012	2/28/14 0927	B130228140012	Tennelec XLB	10 Mins	14	20	022814 / 102	8	5	022814/1408	On-Site
2/28/14	2/28/14 0927	2/28/14 1705	B130228140927	Tennelec XLB	10 Mins	6	7	022814 / 182	5	3	022814/1919	On-Site
3/1/14	2/28/14 1705	3/1/14 0144	B130228141705	Tennelec XLB	10 Mins	16	28	030114 / 023	6	5	030114 / 0528	On-Site
3/1/14	3/1/14 0144	3/1/14 0915	B130301140144	Tennelec XLB	10 Mins	21	35	030114/ 0957	6	8	030114/1257	On-Site
3/1/14	3/1/14 0915	3/1/14 1620	B130301140915	Tennelec XLB	10 Mins	10	10	030114/ 0535	4	1	030114/ 0910	On-Site
3/1/14	3/1/14 1620	3/2/14 0045	B130301141620	Tennelec XLB	10 Mins	17	16	030214/0108	9	5	030214/ 0512	On-Site

Preliminary Information Not for Public Release

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

Date	Time Installed	Time Removed	Filter ID	Inst Model	Count Time	Alpha (dpm)	Beta (dpm)	First Count	Alpha (dpm)	Beta (dpm)	Re-count	Location
3/2/14	3/2/14 0045	3/2/14 0850	B130302140045	Tennelec XLB	10 Mins	51	81	030214/ 0925	19	20	030214/ 1156	On-Site
3/2/14	3/2/14 0850	3/2/14 1630	B130302140850	Tennelec XLB	10 Mins	51	37	030214/ 1723	34	18	030214/ 2122	On-Site
3/2/14	3/2/14 1630	3/3/14 0106	B130302141630	Tennelec XLB	10 Mins	17	28	030314/ 0152	7	13	030314/ 0559	On-Site
3/3/14	3/3/14 0106	3/3/14 0820	B130303140106	Tennelec XLB	10 Mins	26	39	030314/ 0855	9	14	030314/ 1217	On-Site
3/3/14	3/3/14 0820	3/3/14 1620	B130303140820	Tennelec XLB	10 Mins	19	48	030314/ 1812	2	6	030314/ 1812	On-Site
3/3/14	3/3/14 1620	3/4/14 0114	B130303141620	Tennelec XLB	10 Mins	22	33	030414/ 0208	5	8	030414/ 0543	On-Site
3/4/14	3/4/14 0114	3/4/14 0815	B130304140114	Tennelec XLB	10 Mins	31	49	030414/ 0846	8	11	030414/ 1130	On-Site
3/4/14	3/4/14 0815	3/4/14 1610	B130304140815	Tennelec XLB	10 Mins	18	26	030414/ 1639	4	4	030414/ 1957	On-Site
3/4/14	3/4/14 1610	3/5/14 0005	B130304141610	Tennelec XLB	10 Mins	21	34	030514/ 0051	5	5	030514/ 0351	On-Site


Station A, Alpha & Beta
10,000,000
1,000,000
100,000
10,000
1,000
100
10
1
2/14/14
2/15/14
2/16/14
2/17/14
2/18/14
2/19/14
2/20/14
2/21/14
2/22/14
2/23/14
2/24/14
2/25/14
2/26/14
2/27/14
2/28/14
3/1/14
3/2/14
3/3/14
3/4/14
Alpha (dpm)
Beta (dpm)

Preliminary Information – Not for Public Release

Station A (A-2-3) Before the HEPA Filters

Date	Installed, Date/Time	Removed, Date/Time	(Time) Hours : Minutes	Filter ID	Count Time	Alpha (dpm)	Beta (dpm)	First Count, Date/Time	Alpa (dpm)	Beta (dpm)	Re-count, Date/Time	(Time) Hrs:Min: Sec
2/14/14	2/14/14 7:42	2/15/14 6:30	22:48:00	A23021414	10 Mins	4,400,000	1,200,000	2/15/14 6:49				
2/15/14	2/15/14 6:30	2/15/14 8:40	2:10:00	A23021514	10 Mins	225,000	468,000	2/15/14 9:16				
2/15/14	2/15/14 8:40	2/15/14 15:10	6:30:00	A23021514 0840	10 Mins	285,000	540,000	2/15/14 15:41				
2/15/14	2/15/14 15:10	2/15/14 23:30	8:20:00	A23021514 1510	10 Mins	124,050	24,481	2/16/14 0:12				
2/15/14	2/15/14 23:30	2/16/14 8:50	9:20:00	A23021514 2330	10 Mins	47,283	10,558	2/16/14 9:17				
2/16/14	2/16/14 8:50	2/16/14 16:48	7:58:00	A23021614 0850	10 Mins	12,215	2,842	2/16/14 19:27				
2/16/14	2/16/14 16:48	2/17/14 0:15	7:27:00	A23021614 1650	10 Mins	4,051	1,256	2/17/14 0:46				
2/17/14	2/17/14 0:15	2/17/14 8:20	8:05:00	A23021714 0015	10 Mins	1,802	638	2/17/14 9:42	1,723	573	2/17/14 10:12	0:30:00
2/17/14	2/17/14 8:20	2/17/14 16:20	8:00:00	A23021714 0820	10 Mins	1,048	621	2/17/14 17:05				
2/17/14	2/17/14 16:20	2/18/14 0:10	7:50:00	A23021714 1620	10 Mins	802	633	2/18/14 0:51	592	210	2/18/14 7:51	7:00:00
2/17/14	*2/17/14 16:20*	*2/18/14 0:10*	*7:50:00*	*Recount*				*2/18/14 0:51*	*633*	*230*	*2/18/14 10:12*	*9:21:00*
2/18/14	2/18/14 0:10	2/18/14 8:20	8:10:00	A23021814 0010	10 Mins	326	338	2/18/14 9:28	237	157	2/18/14 12:02	2:34:00
2/18/14	*2/18/14 0:10*	*2/18/14 8:20*	*8:10:00*	*Recount*				*2/18/14 9:28*	*212*	*116*	*2/18/14 18:24*	*8:56:00*
2/18/14	2/18/14 8:20	2/18/14 16:05	7:45:00	A23021814 0820	10 Mins	609	780	2/18/14 16:24	258	118	2/19/14 3:15	10:51:00
2/18/14	2/18/14 16:05	2/19/14 0:35	8:30:00	A23021814 1605	10 Mins	346	340	2/19/14 1:43	227	143	2/19/14 5:47	4:04:00
2/19/14	2/19/14 0:35	2/19/14 8:23	7:48:00	A23021914 0040	10 Mins	224	320	2/19/14 9:52	136	143	2/19/14 12:22	2:30:00
2/19/14	2/19/14 8:23	2/19/14 16:00	7:37:00	A23021914 0823	10 Mins	264	443	2/19/14 17:08	130	137	2/19/14 20:46	3:38:00

Preliminary Information – Not for Public Release
Station A (A-2-3) Before the HEPA Filters

Date	Installed, Date/Time	Removed, Date/Time	(Time) Hours : Minutes	Filter ID	Count Time	Alpha (dpm)	Beta (dpm)	First Count, Date/Time	Alpa (dpm)	Beta (dpm)	Re-count, Date/Time	(Time) Hrs:Min: Sec
2/19/14	2/19/14 16:00	2/20/14 0:18	8:18:00	A23021914 1600	10 Mins	286	378	2/20/14 1:24	150	119	2/21/04 3:52	
2/19/14	2/19/14 0:18	2/20/14 8:17	31:59:00	A23022014 0018	10 Mins	290	219	2/20/14 10:10	216	146	2/20/14 12:56	2:46:00
2/20/14	2/20/14 8:17	2/20/14 16:24	8:07:00	A23022014 0817	10 Mins	135	131	2/20/14 18:38	107	85	2/20/14 22:04	3:26:00
2/20/14	2/20/14 16:24	2/21/14 0:12	7:48:00	A23022014 1624	10 Mins	231	103	2/21/14 1:54	203	84	2/21/14 5:05	3:11:00
2/20/14	2/21/14 0:12	2/21/14 8:45	8:33:00	A23022114 0012	10 Mins	330	146	2/21/14 10:27	286	105	2/21/14 15:32	5:05:00
2/21/14	2/21/14 8:45	2/21/14 16:20	7:35:00	A23022114 0845	10 Mins	253	199	2/21/14 16:54	175	86	2/21/14 20:00	3:06:00
2/21/14	2/21/14 16:20	2/22/14 0:50	8:30:00	A23022114 1620	10 Mins	388	549	2/22/14 1:24	215	154	2/22/14 4:00	2:36:00
2/22/14	2/22/14 0:50	2/22/14 8:30	7:40:00	A23022214 0050	10 Mins	421	599	2/22/14 9:06	180	154	2/22/14 11:50	2:44:00
2/22/14	2/22/14 16:50	2/23/14 0:11	7:21:00	A23022214 1650	10 Mins	487	626	2/23/14 0:47	208	129	2/23/14 4:01	3:14:00
2/23/14	2/23/14 0:11	2/23/14 8:30	8:19:00	A23022314 0011	10 Mins	328	504	2/23/14 9:06	162	167	2/23/14 12:22	3:16:00
2/23/14	2/23/14 8:30	2/23/14 16:15	7:45:00	A23022314 0830	10 Mins	225	340					
2/23/14	2/23/14 16:15	2/24/14 0:25	8:10:00	A23022314 1615	10 Mins	412	696	2/24/14 0:48	102	109	2/24/14 4:05	3:17:00
2/24/14	2/24/14 0:25	2/24/14 9:12	8:47:00	A23022414 0025	10 Mins	195	309	2/24/14 11:37	149	213	2/24/14 15:40	4:03:00
2/24/14	2/24/14 9:12	2/24/14 17:02	7:50:00	A23022414 0912	10 Mins	437	740	2/24/14 17:33	141	214	2/24/14 20:31	2:58:00
2/24/14	2/24/14 17:02	2/25/14 0:05	7:03:00	A23022414 1702	10 Mins	429	796	2/25/14 0:29	91	138	2/25/14 3:55	3:26:00

Preliminary Information – Not for Public Release

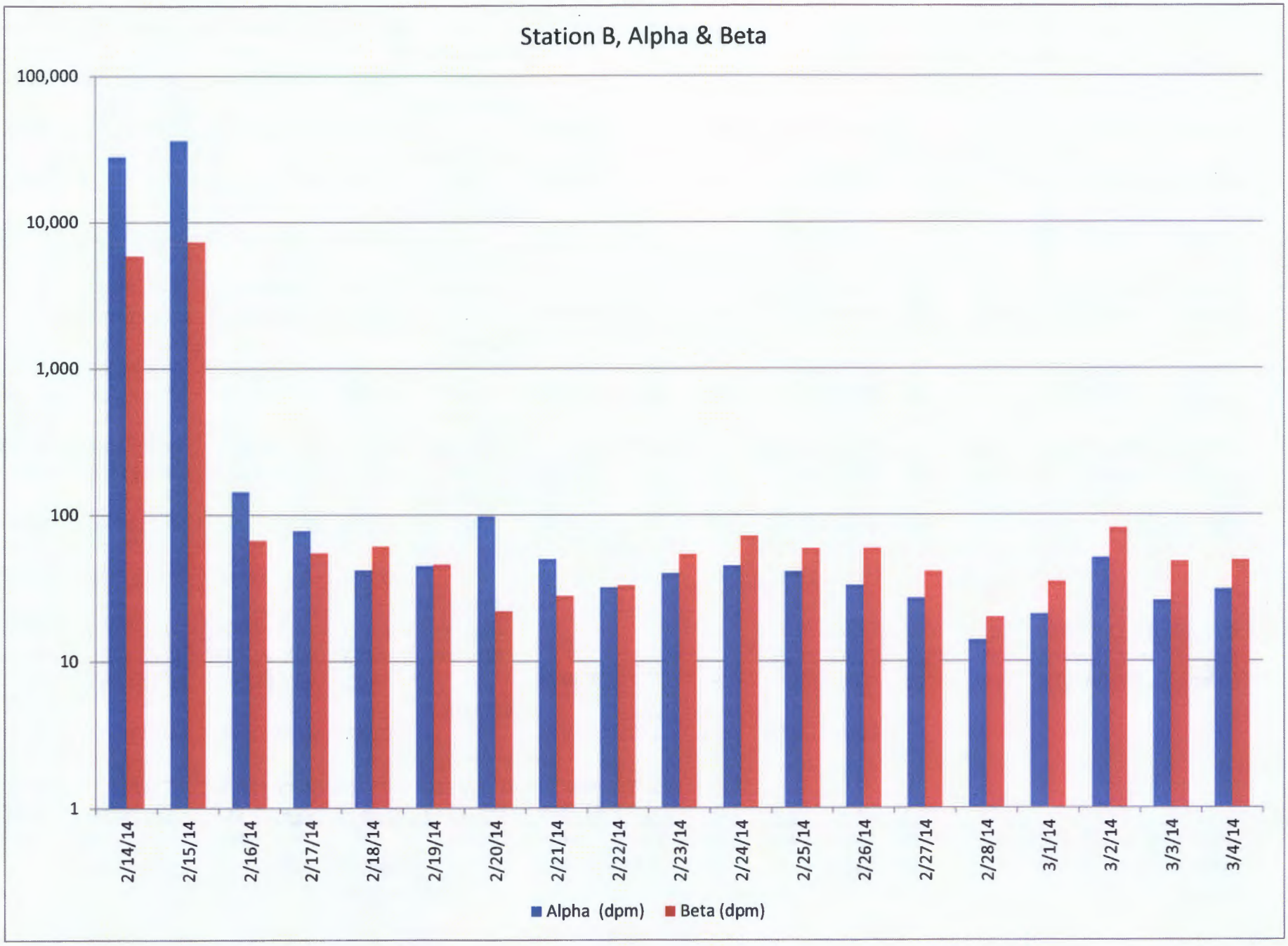
Station A (A-2-3) Before the HEPA Filters

Date	Installed, Date/Time	Removed, Date/Time	(Time) Hours : Minutes	Filter ID	Count Time	Alpha (dpm)	Beta (dpm)	First Count, Date/Time	Alpa (dpm)	Beta (dpm)	Re-count, Date/Time	(Time) Hrs:Min: Sec
2/25/14	2/25/14 0:05	2/25/14 8:30	8:25:00	A23022514 0005	10 Mins	381	618	2/25/14 9:51	138	194	2/25/14 13:49	3:58:00
2/25/14	2/25/14 8:30	2/25/14 16:28	7:58:00	A12022514 0830	10 Mins	544	962	2/25/14 17:30	165	277	2/25/14 20:00	2:30:00
2/25/14	2/25/14 16:28	2/26/14 0:25	7:57:00	A23022514 1628	10 Mins	647	1,140	2/26/14 1:00	161	263	2/26/14 4:07	3:07:00
2/26/14	2/26/14 0:25	2/26/14 8:45	8:20:00	A23022614 0025	10 Mins	307	487	2/26/14 9:58	158	225	2/26/14 13:54	3:56:00
2/26/14	2/26/14 8:45	2/26/14 16:40	7:55:00	A23022614 0845	10 Mins	377	579	2/26/14 17:29				
2/26/14	2/26/14 16:40	2/27/14 0:15	7:35:00	A23022614 1640	10 Mins	458	826	2/27/14 0:52	114	172	2/27/14 4:08	3:16:00
2/27/14	2/27/14 0:15	2/27/14 9:03	8:48:00	A23022714 0015	10 Mins	685	1,198	2/27/14 9:32	191	340	2/27/14 12:25	2:53:00
2/27/14	2/27/14 9:03	2/27/14 16:51	7:48:00	A23022714 0903	10 Mins	457	793	2/27/14 17:26	78	103	2/28/14 4:24	10:58:00
2/28/14	2/27/14 16:51	2/28/14 0:15	7:24:00	A23022714 1651	10 Mins	239	423	2/28/14 0:46	52	90	2/28/14 4:01	3:15:00
2/28/14	2/28/14 0:15	2/28/14 8:35	8:20:00	A23022814 0015	10 Mins	81	136	2/28/14 10:32	49	81	2/28/14 14:17	3:45:00
2/28/14	2/28/14 8:35	2/28/14 16:15	7:40:00	A23022814 0835	10 Mins	84	127	2/28/14 18:20	43	91	2/28/14 21:19	2:59:00
3/1/14	2/28/14 16:15	3/1/14 1:04	8:49:00	A23022814 1615	10 Mins	133	208	2/28/14 2:35	60	89	3/1/14 5:27	26:52:00
3/1/14	3/1/14 1:04	3/1/14 8:55	7:51:00	A23030114 0104	10 Mins	224	440	3/1/14 9:56	73	116	3/1/14 12:57	3:01:00
3/1/14	3/1/14 8:55	3/1/14 16:56	8:01:00	A23030114 0855	10 Mins	186	354	3/1/14 5:36	69	94	3/1/14 21:09	15:33:00
3/1/14	3/1/14 16:56	3/2/14 0:07	7:11:00	A23030114 1656	10 Mins	121	213	3/2/14 1:07	47	55	3/2/14 5:12	4:05:00

Preliminary Information – Not for Public Release

Station A (A-2-3) Before the HEPA Filters

Date	Installed, Date/Time	Removed, Date/Time	(Time) Hours : Minutes	Filter ID	Count Time	Alpha (dpm)	Beta (dpm)	First Count, Date/Time	Alpa (dpm)	Beta (dpm)	Re-count, Date/Time	(Time) Hrs:Min: Sec
3/2/14	3/2/14 0:07	3/2/14 8:25	8:18:00	A23030214 0007	10 Mins	918	1,638	3/2/14 8:36	122	218	3/2/14 11:55	3:19:00
3/2/14	3/2/14 8:25	3/2/14 16:50	8:25:00	A23030214 0825	10 Mins	563	973	3/2/14 17:32	155	311	3/3/14 9:24	15:52:00
3/2/14	3/2/14 16:50	3/3/14 1:06	8:16:00	A23030214 1650	10 Mins	359	621	3/3/14 1:58	150	258	3/3/14 5:37	3:39:00
3/3/14	3/3/14 1:06	3/3/14 8:17	7:11:00	A23030314 0106	10 Mins	264	468	3/3/14 9:15	118	201	3/3/14 12:17	3:02:00
3/3/14	3/3/14 8:17	3/3/14 16:30	8:13:00	A23030314 0817	10 Mins	380	699	3/3/14 17:04	97	172	3/3/14 21:03	3:59:00
3/3/14	3/3/14 16:30	3/4/14 0:34	8:04:00	A23030314 1630	10 Mins	191	340	3/4/14 2:07	93	147	3/4/14 5:43	3:36:00
3/4/14	3/4/14 0:34	3/4/14 8:17	7:43:00	A23030414 0034	10 Mins	479	757	3/4/14 9:00	135	199	3/4/14 11:30	2:30:00
3/4/14	3/4/14 8:17	3/4/14 15:57	7:40:00	A23030414 0817	10 Mins	384	586	3/4/14 16:39	120	129	3/4/14 19:57	3:18:00
3/4/14	3/4/14 15:57	3/5/14 0:22	8:25:00	A23030414 1557	10 Mins	399	753	3/5/14 0:51	74	143	3/5/14 3:51	3:00:00


Station B, Alpha & Beta
100,000
10,000
1,000
100
10
1
2/14/14
2/15/14
2/16/14
2/17/14
2/18/14
2/19/14
2/20/14
2/21/14
2/22/14
2/23/14
2/24/14
2/25/14
2/26/14
2/27/14
2/28/14
3/1/14
3/2/14
3/3/14
3/4/14
Alpha (dpm)
Beta (dpm)

Preliminary Information - Not for Public Release
Station B (B-1-3) Downstream of the HEPA Filters

Date	Installed, Date/Time	Removed, Date/Time	(Time) Hrs:Min: Sec	Filter ID	Count Time	Alpha (dpm)	Beta (dpm)	First Count, Date/Time	Alpha (dpm)	Beta (dpm)	Re-count	(Time) Hrs:Min:Sec
2/14/14	2/14/14 7:54	2/15/14 8:35	24:41:00	B13021414	10 Mins	28,205	5,877	2/15/14 8:50				
2/15/14	2/15/14 8:35	2/15/14 14:45	6:10:00	B13021514	10 Mins	36,194	7,340					
2/15/14	2/15/14 14:45	2/15/14 23:05	8:20:00	B130215141 445	10 Mins	671	142	2/17/14 10:56				
2/15/14	2/15/14 23:05	2/16/14 9:04	9:59:00	B130215142 305	10 Mins	300	152	2/16/14 9:32	253	63	2/16/14 11:27	1:55:00
2/15/14	*2/15/14 23:05*	*2/16/14 9:04*	*9:59:00*	*Recount*				*2/16/14 9:32*	*245*	*59*	*2/16/14 12:50*	*3:18:00*
2/15/14	*2/15/14 23:05*	*2/16/14 9:04*	*9:59:00*	*Recount*				*2/16/14 9:32*	*240*	*49*	*2/16/14 17:41*	*8:09:00*
2/16/14	2/16/14 9:04	2/16/14 17:05	8:01:00	B130216140 904	10 Mins	144	67	2/16/14 17:55				
2/16/14	2/16/14 17:05	2/17/14 0:30	7:25:00	B130216141 705	10 Mins	72	54	2/17/14 0:46	62	18	2/17/14 12:03	11:17:00
2/17/14	2/17/14 0:30	2/17/14 8:05	7:35:00	B130216140 030	10 Mins	43	26	2/17/14 9:30	30	23	2/17/14 9:55	0:25:00
2/17/14	*2/17/14 0:30*	*2/17/14 8:05*	*7:35:00*	*Recount*				*2/17/14 9:30*	*32*	*16*	*2/17/14 14:00*	*4:30:00*
2/17/14	2/17/14 8:05	2/17/14 16:00	7:55:00	B130217140 805	10 Mins	78	35	2/17/14 16:50	58	20	2/17/14 19:58	3:08:00
2/17/14	2/17/14 8:05	2/17/14 16:00	7:55:00	*Recount*				*2/17/14 16:50*	*24*	*13*	*2/18/14 18:23*	*25:33:00*
2/17/14	2/17/14 16:00	2/18/14 0:30	8:30:00	B130217141 600	10 Mins	65	55	2/18/14 0:51	45	18	2/18/14 4:23	3:32:00
2/17/14	2/17/14 16:00	2/18/14 0:30	8:30:00	*Recount*				*2/18/14 0:51*	*36*	*12*	*2/18/14 7:51*	*7:00:00*
2/18/14	2/18/14 0:30	2/18/14 9:01	8:31:00	B130218140 030	10 Mins	42	61	2/18/14 9:28	23	12	2/18/14 12:02	2:34:00
2/18/14	2/18/14 9:01	2/18/14 16:55	7:54:00	B130218140 901	10 Mins	41	29	2/18/14 17:54	28	7	2/19/14 3:15	9:21:00
2/18/14	2/18/14 16:55	2/19/14 1:05	8:10:00	B130218141 655	10 Mins	42	36	2/19/14 1:44	20	7	2/19/14 5:47	4:03:00
2/19/14	2/19/14 1:05	2/19/14 9:00	7:55:00	B130219140 105	10 Mins	33	44	2/19/14 9:52	20	15	2/19/14 12:22	2:30:00
2/19/14	2/19/14 9:00	2/19/14 16:27	7:27:00	B130219140 900	10 Mins	36	34	2/19/14 17:08	25	10	2/19/14 20:36	3:28:00

2/19/14	2/19/14 16:27	2/20/14 0:35	8:08:00	B130219141627	10 Mins	45	46	2/20/14 1:07	25	9	2/20/14 3:59	2:52:00
2/20/14	2/20/14 0:35	2/20/14 8:52	8:17:00	B130220140035	10 Mins	52	21	2/20/14 10:35	38	14	2/20/14 12:26	1:51:00
2/20/14	2/20/14 8:52	2/20/14 16:54	8:02:00	B130220140852	10 Mins	98	22	2/20/14 18:38	101	23	2/20/14 22:11	3:33:00
2/20/14	2/20/14 16:54	2/21/14 0:38	7:44:00	B130220141654	10 Mins	40	19	2/21/14 2:04	33	11	2/21/14 5:21	3:17:00
2/21/14	2/21/14 0:38	2/21/14 8:20	7:42:00	B130221140038	10 Mins	30	6	2/21/14 10:27	27	12	2/21/14 15:32	5:05:00
2/21/14	2/21/14 8:20	2/21/14 16:00	7:40:00	B130221140820	10 Mins	37	15	2/21/14 16:54	41	12	2/21/14 20:28	3:34:00
2/21/14	2/21/14 16:00	2/22/14 0:19	8:19:00	B130221141600	10 Mins	50	28	2/22/14 1:25	42	14	2/22/14 3:58	2:33:00
2/22/14	2/22/14 0:19	2/22/14 8:10	7:51:00	B130222140019	10 Mins	30	22	2/22/14 9:46	19	12	2/22/14 11:51	2:05:00
2/22/14	2/22/14 8:10	2/22/14 16:15	8:05:00	B130222140810	10 Mins	28	17	2/22/14 17:13	22	10	2/22/14 20:04	2:51:00
2/22/14	2/22/14 16:15	2/22/14 23:56	7:41:00	B130222141615	10 Mins	32	33	2/23/14 0:47	22	9	2/23/14 4:04	3:17:00
2/22/14	2/22/14 23:56	2/23/14 8:10	8:14:00	B130222142356	10 Mins	21	29	2/23/14 9:38	19	17	2/23/14 12:27	2:49:00
2/23/14	2/23/14 8:10	2/23/14 16:05	7:55:00	B130223140810	10 Mins	7	22	2/23/14 16:42	17	7	2/23/14 20:10	3:28:00
2/23/14	2/23/14 16:05	2/24/14 0:15	8:10:00	B130223141605	10 Mins	40	54	2/24/14 0:54	19	13	2/24/14 4:01	3:07:00
2/24/14	2/24/14 0:15	2/24/14 8:46	8:31:00	B130224140015	10 Mins	14	19	2/24/14 11:36	14	14	2/24/14 15:40	4:04:00
2/24/14	2/24/14 8:46	2/24/14 16:35	7:49:00	B130224140846	10 Mins	22	28	2/24/14 17:33	8	8	2/24/14 20:31	2:58:00
2/24/14	2/24/14 16:35	2/25/14 0:16	7:41:00	B130224141635	10 Mins	45	72	2/25/14 0:29	8	12	2/25/14 4:04	3:35:00

2/25/14	2/25/14 0:16	2/25/14 9:02	8:46:00	B130225140016	10 Mins	41	53	2/25/14 10:12	14	21	2/25/14 14:03	3:51:00
2/25/14	2/25/14 9:02	2/25/14 16:52	7:50:00	B130225140902	10 Mins	39	59	2/25/14 17:42	12	7	2/25/14 20:00	2:18:00
2/25/14	2/25/14 16:52	2/26/14 0:10	7:18:00	B130225141652	10 Mins	27	41	2/26/14 1:01	12	10	2/26/14 4:50	3:49:00
2/26/14	2/26/14 0:10	2/26/14 9:21	9:11:00	B130226140010	10 Mins	26	21	2/26/14 10:51	23	16	2/26/14 14:23	3:32:00
2/26/14	2/26/14 9:21	2/26/14 16:16	6:55:00	B130226140921	10 Mins	22	25	2/26/14 17:27				
2/26/14	2/26/14 16:16	2/27/14 0:30	8:14:00	B130226141616	10 Mins	33	59	2/27/14 1:29	11	14	2/27/14 4:08	2:39:00
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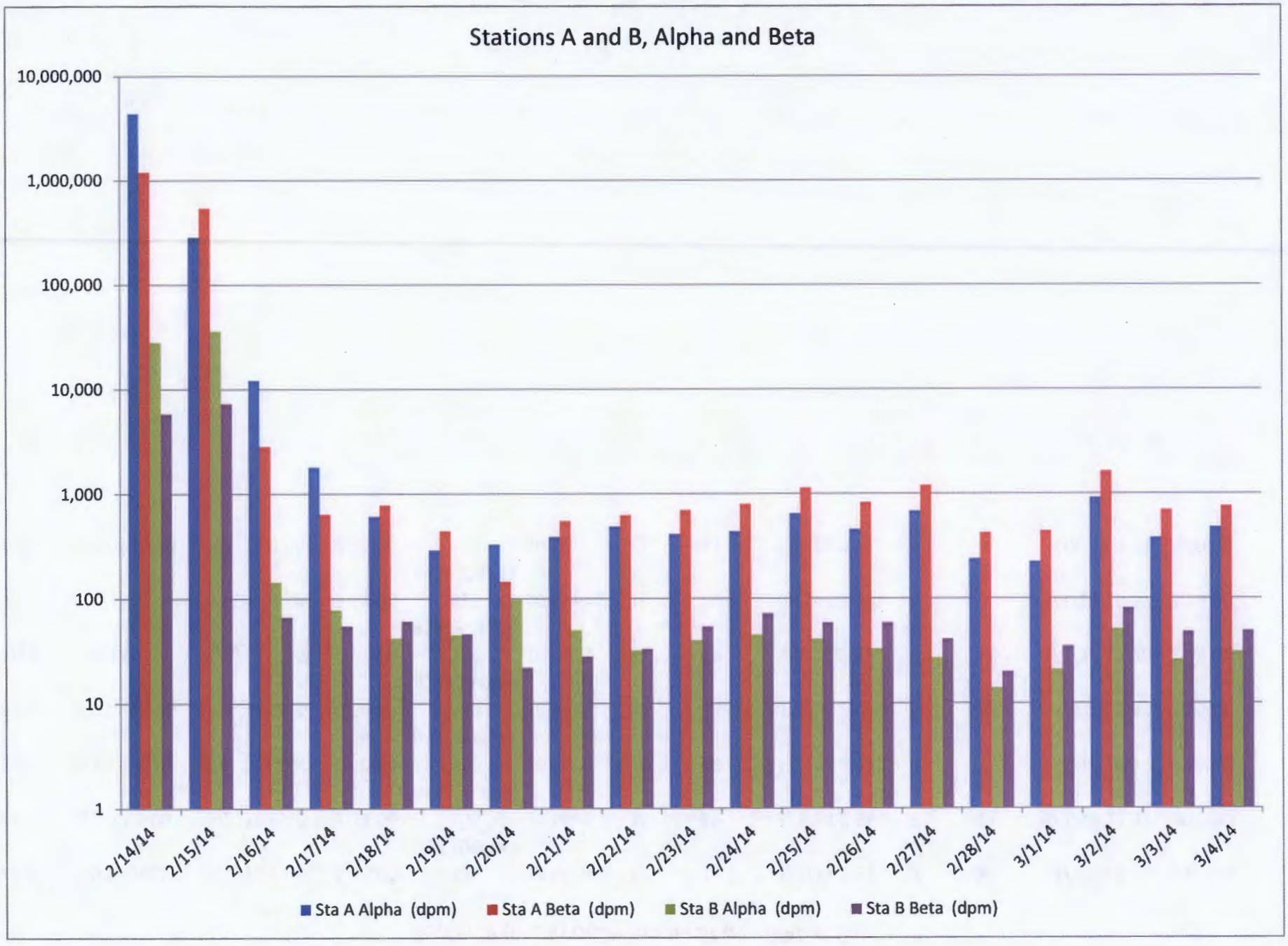
2/27/14	2/27/14 8:06	2/28/14 0:12	16:06:00	B130227140806	10 Mins	27	41	2/28/14 0:46	16	10	2/28/14 4:01	3:15:00
2/28/14	2/28/14 0:12	2/28/14 9:27	9:15:00	B130228140012	10 Mins	14	20	2/28/14 10:24	8	5	2/28/14 14:08	3:44:00
2/28/14	2/28/14 9:27	2/28/14 17:05	7:38:00	B130228140927	10 Mins	6	7	2/28/14 18:25	5	3	2/28/14 19:19	0:54:00
3/1/14	2/28/14 17:05	3/1/14 1:44	8:39:00	B130228141705	10 Mins	16	28	3/1/14 2:35	6	5	3/1/14 5:28	2:53:00
3/1/14	3/1/14 1:44	3/1/14 9:15	7:31:00	B130301140144	10 Mins	21	35	3/1/14 9:57	6	8	3/1/14 12:57	3:00:00
3/1/14	3/1/14 9:15	3/1/14 16:20	7:05:00	B130301140915	10 Mins	10	10	3/1/14 5:35	4	1	3/1/14 9:10	3:35:00
3/1/14	3/1/14 16:20	3/2/14 0:45	8:25:00	B130301141620	10 Mins	17	16	3/2/14 1:08	9	5	3/2/14 5:12	4:04:00
3/2/14	3/2/14 0:45	3/2/14 8:50	8:05:00	B130302140045	10 Mins	51	81	3/2/14 9:25	19	20	3/2/14 11:56	2:31:00
3/2/14	3/2/14 8:50	3/2/14 16:30	7:40:00	B130302140850	10 Mins	51	37	3/2/14 17:23	34	18	3/2/14 21:22	3:59:00

				B130302141								
3/2/14	3/2/14 16:30	3/3/14 1:06	8:36:00	630	10 Mins	17	28	3/3/14 1:52	7	13	3/3/14 5:59	4:07:00
				B130303140								
3/3/14	3/3/14 1:06	3/3/14 8:20	7:14:00	106	10 Mins	26	39	3/3/14 8:55	9	14	3/3/14 12:17	3:22:00
				B130303140								
3/3/14	3/3/14 8:20	3/3/14 16:20	8:00:00	820	10 Mins	19	48	3/3/14 18:12	2	6	3/3/14 18:12	0:00:00
				B130303141								
3/3/14	3/3/14 16:20	3/4/14 1:14	8:54:00	620	10 Mins	22	33	3/4/14 2:08	5	8	3/4/14 5:43	3:35:00
				B130304140								
3/4/14	3/4/14 1:14	3/4/14 8:15	7:01:00	114	10 Mins	31	49	3/4/14 8:46	8	11	3/4/14 11:30	2:44:00
				B130304140								
3/4/14	3/4/14 8:15	3/4/14 16:10	7:55:00	815	10 Mins	18	26	3/4/14 16:39	4	4	3/4/14 19:57	3:18:00
				B130304141								
3/4/14	3/4/14 16:10	3/5/14 0:05	7:55:00	610	10 Mins	21	34	3/5/14 0:51	5	5	3/5/14 3:51	3:00:00


Stations A and B, Alpha and Beta
10,000,000
1,000,000
100,000
10,000
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100
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2/14/14
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2/24/14
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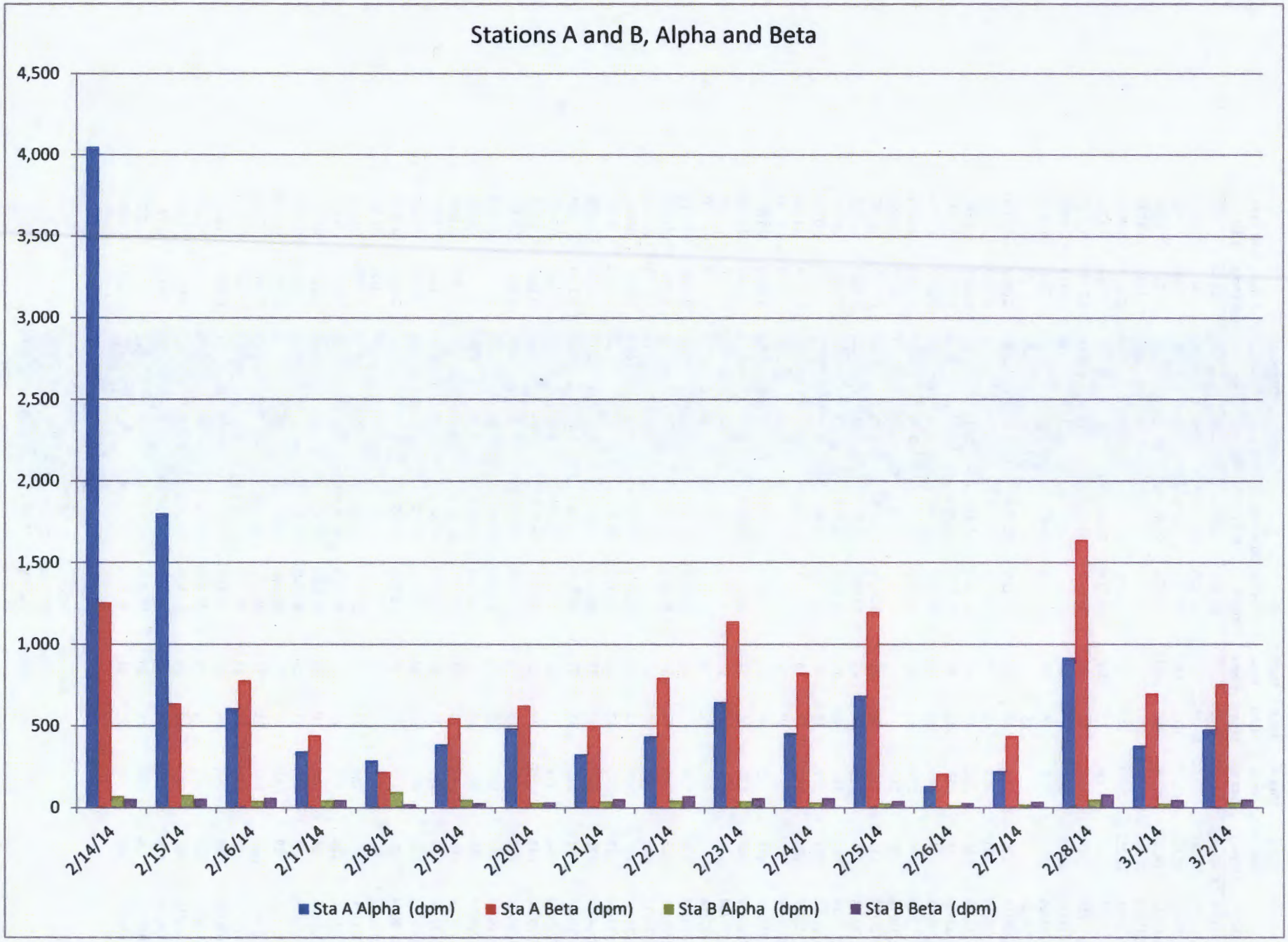
2/28/14
3/1/14
3/2/14
3/3/14
3/4/14
Sta A Alpha (dpm)
Sta A Beta (dpm)
Sta B Alpha (dpm)
Sta B Beta (dpm)

Date	Sta A Alpha (dpm)	Sta A Beta (dpm)	Sta B Alpha (dpm)	Sta B Beta (dpm)	% Difference Alpha	% Difference Beta	Design Efficiency Alpha	Design Efficiency Beta	If <0 Then 0 Alpha	If <0 Then 0 Beta
2/14/14	4,400,000	1,200,000	28,205	5,877	99.36%	99.51%	1,320.00	360.00	1320	360
2/15/14	225,000	468,000	36,194	7,340	83.91%	98.43%	67.50	140.40	67.5	140.4
2/15/14	285,000	540,000	671	142	99.76%	99.97%	85.50	162.00	85.5	162
2/15/14	124,050	24,481	300	152	99.76%	99.38%	37.21	7.34	37.215	7.3443
2/15/14	47,283	10,558					14.18	3.17	14.1849	3.1674
2/16/14	12,215	2,842	144	67	98.82%	97.64%	3.66	0.85	3.6645	0.8526
2/16/14	4,051	1,256	72	54	98.22%	95.70%	1.22	0.38	1.2153	0.3768
2/17/14	1,802	638	43	26	97.61%	95.92%	0.54	0.19	0.5406	0.1914
2/17/14	1,048	621					0.31	0.19	0.3144	0.1863
2/17/14	802	633	78	35	90.27%	94.47%	0.24	0.19	0.2406	0.1899
2/17/14			65	55			0.00	0.00	0	0
2/18/14	326	338	42	61	87.12%	81.95%	0.10	0.10	0.0978	0.1014
2/18/14	609	780	41	29	93.27%	96.28%	0.18	0.23	0.1827	0.234
2/18/14	346	340	42	36	87.86%	89.41%	0.10	0.10	0.1038	0.102
2/19/14	224	320	33	44	85.27%	86.25%	0.07	0.10	0.0672	0.096
2/19/14	264	443	36	34	86.36%	92.33%	0.08	0.13	0.0792	0.1329
2/19/14	286	378	45	46	84.27%	87.83%	0.09	0.11	0.0858	0.1134
2/19/14	290	219					0.09	0.07	0.087	0.0657
2/20/14	135	131	52	21	61.48%	83.97%	0.04	0.04	0.0405	0.0393
2/20/14	231	103	98	22	57.58%	78.64%	0.07	0.03	0.0693	0.0309
2/20/14	330	146	40	19	87.88%	86.99%	0.10	0.04	0.099	0.0438
2/21/14	253	199	30	6	88.14%	96.98%	0.08	0.06	0.0759	0.0597
2/21/14	388	549	37	15	90.46%	97.27%	0.12	0.16	0.1164	0.1647
2/21/14			50	28			0.00	0.00	0	0
2/22/14	421	599	30	22	92.87%	96.33%	0.13	0.18	0.1263	0.1797
2/22/14	487	626	28	17	94.25%	97.28%	0.15	0.19	0.1461	0.1878
2/22/14			32	33			0.00	0.00	0	0
2/22/14			21	29			0.00	0.00	0	0
2/23/14	328	504	7	22	97.87%	95.63%	0.10	0.15	0.0984	0.1512
2/23/14	225	340	40	54	82.22%	84.12%	0.07	0.10	0.0675	0.102
2/23/14	412	696					0.12	0.21	0.1236	0.2088
2/24/14	195	309	14	19	92.82%	93.85%	0.06	0.09	0.0585	0.0927
2/24/14	437	740	22	28	94.97%	96.22%	0.13	0.22	0.1311	0.222
2/24/14	429	796	45	72	89.51%	90.95%	0.13	0.24	0.1287	0.2388
2/25/14	381	618	41	53	89.24%	91.42%	0.11	0.19	0.1143	0.1854
2/25/14	544	962	39	59	92.83%	93.87%	0.16	0.29	0.1632	0.2886
2/25/14	647	1,140	27	41	95.83%	96.40%	0.19	0.34	0.1941	0.342
2/26/14	307	487	26	21	91.53%	95.69%	0.09	0.15	0.0921	0.1461
2/26/14	377	579	22	25	94.16%	95.68%	0.11	0.17	0.1131	0.1737
2/26/14	458	826	33	59	92.79%	92.86%	0.14	0.25	0.1374	0.2478
2/27/14	685	1,198	22	37	96.79%	96.91%	0.21	0.36	0.2055	0.3594
2/27/14	457	793	27	41	94.09%	94.83%	0.14	0.24	0.1371	0.2379
2/28/14	239	423	14	20	94.14%	95.27%	0.07	0.13	0.0717	0.1269
2/28/14	81	136	6	7	92.59%	94.85%	0.02	0.04	0.0243	0.0408
2/28/14	84	127					0.03	0.04	0.0252	0.0381
3/1/14	133	208	16	28	87.97%	86.54%	0.04	0.06	0.0399	0.0624
3/1/14	224	440	21	35	90.63%	92.05%	0.07	0.13	0.0672	0.132
3/1/14	186	354	10	10	94.62%	97.18%	0.06	0.11	0.0558	0.1062
3/1/14	121	213	17	16	85.95%	92.49%	0.04	0.06	0.0363	0.0639
3/2/14	918	1,638	51	81	94.44%	95.05%	0.28	0.49	0.2754	0.4914
3/2/14	563	973	51	37	90.94%	96.20%	0.17	0.29	0.1689	0.2919
3/2/14	359	621	17	28	95.26%	95.49%	0.11	0.19	0.1077	0.1863
3/3/14	264	468	26	39	90.15%	91.67%	0.08	0.14	0.0792	0.1404
3/3/14	380	699	19	48	95.00%	93.13%	0.11	0.21	0.114	0.2097
3/3/14	191	340	22	33	88.48%	90.29%	0.06	0.10	0.0573	0.102
3/4/14	479	757	31	49	93.53%	93.53%	0.14	0.23	0.1437	0.2271
3/4/14	384	586	18	26	95.31%	95.56%	0.12	0.18	0.1152	0.1758
3/4/14	399	753	21	34	94.74%	95.48%	0.12	0.23	0.1197	0.2259
				Average	90.88%	93.38%				
				Min	57.58%	78.64%				
				Max	99.76%	99.97%				


Stations A and B, Alpha and Beta
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1,500
1,000
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3/1/14
3/2/14
Sta A Alpha (dpm)
Sta A Beta (dpm)
Sta B Alpha (dpm)
Sta B Beta (dpm)