

Aberdeen Proving Ground - Building 1103A Final Status Survey Results

Ludlum 2929	SN 196230	Cal Due 12/08/09
α eff	β eff	
0.2845	0.3363	

Sample Count Time (min)	Daily Bkg Count Time (min)
4.0	10.0

dpm/100 cm ²
α Flag β Flag
10 100

seq. #	Sample ID#	Date	Background Total Counts*		Sample Total Counts		Background (cpm)		Sample Counts (cpm)		Sample (dpm/100 cm ²)		> a flag	> β flag	Tech. Initial
			α	β	α	β	α	β	α	β	α	β	FLAG	FLAG	
1	APG-1103A-SU-10-01	11/19/2009	7	2181	2	217	0.2	54.5	0.50	54	1.1	-1			CWG
2	APG-1103A-SU-10-02	11/19/2009	7	2181	1	209	0.2	54.5	0.25	52	0.3	-7			CWG
3	APG-1103A-SU-10-03	11/19/2009	7	2181	1	218	0.2	54.5	0.25	55	0.3	0			CWG
4	APG-1103A-SU-10-04	11/19/2009	7	2181	1	194	0.2	54.5	0.25	49	0.3	-18			CWG
5	APG-1103A-SU-10-05	11/19/2009	7	2181	1	200	0.2	54.5	0.25	50	0.3	-13			CWG
6	APG-1103A-SU-10-06	11/19/2009	7	2181	1	194	0.2	54.5	0.25	49	0.3	-18			CWG
7	APG-1103A-SU-10-07	11/19/2009	7	2181	0	212	0.2	54.5	0.00	53	-0.6	-5			CWG
8	APG-1103A-SU-10-08	11/19/2009	7	2181	0	221	0.2	54.5	0.00	55	-0.6	2			CWG
9	APG-1103A-SU-10-09	11/19/2009	7	2181	0	206	0.2	54.5	0.00	52	-0.6	-9			CWG
10	APG-1103A-SU-10-10	11/19/2009	7	2181	0	199	0.2	54.5	0.00	50	-0.6	-14			CWG
11	APG-1103A-SU-10-11	11/19/2009	7	2181	1	242	0.2	54.5	0.25	61	0.3	18			CWG
12	APG-1103A-SU-10-12	11/19/2009	7	2181	1	223	0.2	54.5	0.25	56	0.3	4			CWG
13	APG-1103A-SU-10-13	11/19/2009	7	2181	1	218	0.2	54.5	0.25	55	0.3	0			CWG
14	APG-1103A-SU-10-14	11/19/2009	7	2181	1	220	0.2	54.5	0.25	55	0.3	1			CWG
15	APG-1103A-SU-10-15	11/19/2009	7	2181	0	216	0.2	54.5	0.00	54	-0.6	-2			CWG
16	APG-1103A-SU-10-16	11/19/2009	7	2181	1	200	0.2	54.5	0.25	50	0.3	-13			CWG
17	APG-1103A-SU-10-17	11/19/2009	7	2181	1	196	0.2	54.5	0.25	49	0.3	-16			CWG
18	APG-1103A-SU-10-18	11/19/2009	7	2181	0	206	0.2	54.5	0.00	52	-0.6	-9			CWG
19	APG-1103A-SU-10-19	11/19/2009	7	2181	2	222	0.2	54.5	0.50	56	1.1	3			CWG
20	APG-1103A-SU-10-20	11/19/2009	7	2181	3	201	0.2	54.5	0.75	50	2.0	-13			CWG
21	APG-1103A-SU-11-01	11/19/2009	7	2181	0	198	0.2	54.5	0.00	50	-0.6	-15			CWG
22	APG-1103A-SU-11-02	11/19/2009	7	2181	1	210	0.2	54.5	0.25	53	0.3	-6			CWG
23	APG-1103A-SU-11-03	11/19/2009	7	2181	11	241	0.2	54.5	2.75	60	9.0	17			CWG
24	APG-1103A-SU-11-04	11/19/2009	7	2181	1	232	0.2	54.5	0.25	58	0.3	10			CWG
25	APG-1103A-SU-11-05	11/19/2009	7	2181	1	188	0.2	54.5	0.25	47	0.3	-22			CWG
26	APG-1103A-SU-11-06	11/19/2009	7	2181	0	212	0.2	54.5	0.00	53	-0.6	-5			CWG
27	APG-1103A-SU-11-07	11/19/2009	7	2181	1	216	0.2	54.5	0.25	54	0.3	-2			CWG
28	APG-1103A-SU-11-08	11/19/2009	7	2181	1	197	0.2	54.5	0.25	49	0.3	-16			CWG
29	APG-1103A-SU-11-09	11/19/2009	7	2181	0	227	0.2	54.5	0.00	57	-0.6	7			CWG
30	APG-1103A-SU-11-10	11/19/2009	7	2181	0	176	0.2	54.5	0.00	44	-0.6	-31			CWG
31	APG-1103A-SU-11-11	11/19/2009	7	2181	3	218	0.2	54.5	0.75	55	2.0	0			CWG
32	APG-1103A-SU-11-12	11/19/2009	7	2181	1	189	0.2	54.5	0.25	47	0.3	-22			CWG
33	APG-1103A-SU-11-13	11/19/2009	7	2181	0	219	0.2	54.5	0.00	55	-0.6	1			CWG
34	APG-1103A-SU-11-14	11/19/2009	7	2181	0	230	0.2	54.5	0.00	58	-0.6	9			CWG
35	APG-1103A-SU-11-15	11/19/2009	7	2181	1	220	0.2	54.5	0.25	55	0.3	1			CWG
36	APG-1103A-SU-11-16	11/19/2009	7	2181	3	209	0.2	54.5	0.75	52	2.0	-7			CWG
37	APG-1103A-SU-11-17	11/19/2009	7	2181	0	212	0.2	54.5	0.00	53	-0.6	-5			CWG
38	APG-1103A-SU-11-18	11/19/2009	7	2181	0	210	0.2	54.5	0.00	53	-0.6	-6			CWG
39	APG-1103A-SU-12-01	11/19/2009	7	2181	2	188	0.2	54.5	0.50	47	1.1	-22			CWG

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Ludlum 2929	SN 196230	Cal Due 12/08/09
α eff	β eff	
0.2845	0.3363	

Sample Count Time (min)	Daily Bkg Count Time (min)
4.0	10.0

dpm/100 cm ²
α Flag β Flag
10 100

seq. #	Sample ID#	Date	Background Total Counts*		Sample Total Counts		Background (cpm)		Sample Counts (cpm)		Sample (dpm/100 cm ²)		> a flag	> β flag	Tech. Initial
			α	β	α	β	α	β	α	β	α	β	FLAG	FLAG	
40	APG-1103A-SU-12-02 N/A	11/19/2009	7	2181	0	215	0.2	54.5	0.00	54	-0.6	-2			CWG
41	APG-1103A-SU-12-03	11/19/2009	7	2181	0	222	0.2	54.5	0.00	56	-0.6	3			CWG
42	APG-1103A-SU-12-04	11/19/2009	7	2181	0	210	0.2	54.5	0.00	53	-0.6	-6			CWG
43	APG-1103A-SU-12-05	11/19/2009	7	2181	1	233	0.2	54.5	0.25	58	0.3	11			CWG
44	APG-1103A-SU-12-06	11/19/2009	7	2181	0	222	0.2	54.5	0.00	56	-0.6	3			CWG
45	APG-1103A-SU-12-07	11/19/2009	7	2181	0	208	0.2	54.5	0.00	52	-0.6	-8			CWG
46	APG-1103A-SU-12-08	11/19/2009	7	2181	1	227	0.2	54.5	0.25	57	0.3	7			CWG
47	APG-1103A-SU-12-09	11/19/2009	7	2181	0	194	0.2	54.5	0.00	49	-0.6	-18			CWG
48	APG-1103A-SU-12-10	11/19/2009	7	2181	0	185	0.2	54.5	0.00	46	-0.6	-25			CWG
49	APG-1103A-SU-12-11	11/19/2009	7	2181	2	215	0.2	54.5	0.50	54	1.1	-2			CWG
50	APG-1103A-SU-12-12	11/19/2009	7	2181	2	206	0.2	54.5	0.50	52	1.1	-9			CWG
51	APG-1103A-SU-12-13	11/19/2009	7	2181	1	231	0.2	54.5	0.25	58	0.3	10			CWG
52	APG-1103A-SU-12-14 N/A	11/19/2009	7	2181	0	204	0.2	54.5	0.00	51	-0.6	-10			CWG
53	APG-1103A-SU-12-15	11/19/2009	7	2181	0	249	0.2	54.5	0.00	62	-0.6	23			CWG
54	APG-1103A-SU-12-16	11/19/2009	7	2181	0	211	0.2	54.5	0.00	53	-0.6	-5			CWG
55	APG-1103A-SU-12-17	11/19/2009	7	2181	0	205	0.2	54.5	0.00	51	-0.6	-10			CWG
501	APG-1103A-SU-12-18	11/19/2009	7	2181	0	206	0.2	54.5	0.00	52	-0.6	-9			CWG
502	APG-1103A-SU-12-19	11/19/2009	7	2181	1	189	0.2	54.5	0.25	47	0.3	-22			CWG
503	APG-1103A-SU-12-20	11/19/2009	7	2181	0	221	0.2	54.5	0.00	55	-0.6	2			CWG
504	APG-1103A-SU-12A-01	11/19/2009	7	2181	0	217	0.2	54.5	0.00	54	-0.6	-1			CWG
505	APG-1103A-SU-12A-02	11/19/2009	7	2181	0	211	0.2	54.5	0.00	53	-0.6	-5			CWG
506	APG-1103A-SU-12A-03	11/19/2009	7	2181	2	192	0.2	54.5	0.50	48	1.1	-19			CWG
507	APG-1103A-SU-12A-04	11/19/2009	7	2181	0	208	0.2	54.5	0.00	52	-0.6	-8			CWG
508	APG-1103A-SU-12A-05	11/19/2009	7	2181	0	231	0.2	54.5	0.00	58	-0.6	10			CWG
509	APG-1103A-SU-12A-06	11/19/2009	7	2181	0	195	0.2	54.5	0.00	49	-0.6	-17			CWG
510	APG-1103A-SU-12A-07	11/19/2009	7	2181	1	213	0.2	54.5	0.25	53	0.3	-4			CWG
511	APG-1103A-SU-12A-08	11/19/2009	7	2181	0	231	0.2	54.5	0.00	58	-0.6	10			CWG
512	APG-1103A-SU-12A-09	11/19/2009	7	2181	0	225	0.2	54.5	0.00	56	-0.6	5			CWG
513	APG-1103A-SU-12A-10	11/19/2009	7	2181	1	212	0.2	54.5	0.25	53	0.3	-5			CWG
514	APG-1103A-SU-12A-11	11/20/2009	10	2181	2	199	0.3	54.5	0.50	50	0.9	-14			CWG
515	APG-1103A-SU-12A-12	11/20/2009	10	2181	2	227	0.3	54.5	0.50	57	0.9	7			CWG
516	APG-1103A-SU-12A-13	11/20/2009	10	2181	0	237	0.3	54.5	0.00	59	-0.9	14			CWG
517	APG-1103A-SU-12A-14	11/20/2009	10	2181	1	218	0.3	54.5	0.25	55	0.0	0			CWG
518	APG-1103A-SU-12A-15	11/20/2009	10	2181	4	223	0.3	54.5	1.00	56	2.6	4			CWG
519	APG-1103A-SU-12A-16	11/20/2009	10	2181	0	213	0.3	54.5	0.00	53	-0.9	-4			CWG
520	APG-1103A-SU-12A-17	11/20/2009	10	2181	3	222	0.3	54.5	0.75	56	1.8	3			CWG
521	APG-1103A-SU-12A-18	11/20/2009	10	2181	1	246	0.3	54.5	0.25	62	0.0	21			CWG
522	APG-1103A-SU-12A-19	11/20/2009	10	2181	0	204	0.3	54.5	0.00	51	-0.9	-10			CWG
523	APG-1103A-SU-12A-20	11/20/2009	10	2181	2	259	0.3	54.5	0.50	65	0.9	30			CWG

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0.2845		0.3363

Sample Count Time (min)	Daily Bkg Count Time (min)
4.0	10.0

dpm/100 cm ²
α Flag β Flag
10 100

seq. #	Sample ID#	Date	Background Total Counts*		Sample Total Counts		Background (cpm)		Sample Counts (cpm)		Sample (dpm/100 cm ²)		> a flag	> β flag	Tech. Initial
			α	β	α	β	α	β	α	β	α	β	FLAG	FLAG	
524	APG-1103A-SU-12B-01	11/20/2009	10	2181	3	219	0.3	54.5	0.75	55	1.8	1			CWG
525	APG-1103A-SU-12B-02	11/20/2009	10	2181	4	243	0.3	54.5	1.00	61	2.6	19			CWG
526	APG-1103A-SU-12B-03	11/20/2009	10	2181	4	227	0.3	54.5	1.00	57	2.6	7			CWG
527	APG-1103A-SU-12B-04	11/20/2009	10	2181	6	225	0.3	54.5	1.50	56	4.4	5			CWG
528	APG-1103A-SU-12B-05	11/20/2009	10	2181	1	222	0.3	54.5	0.25	56	0.0	3			CWG
529	APG-1103A-SU-12B-06	11/20/2009	10	2181	1	230	0.3	54.5	0.25	58	0.0	9			CWG
530	APG-1103A-SU-12B-07	11/20/2009	10	2181	8	210	0.3	54.5	2.00	53	6.2	-6			CWG
531	APG-1103A-SU-12B-08	11/20/2009	10	2181	5	250	0.3	54.5	1.25	63	3.5	24			CWG
532	APG-1103A-SU-12B-09	11/20/2009	10	2181	3	216	0.3	54.5	0.75	54	1.8	-2			CWG
533	APG-1103A-SU-12B-10	11/20/2009	10	2181	1	198	0.3	54.5	0.25	50	0.0	-15			CWG
534	APG-1103A-SU-12B-11	11/20/2009	10	2181	2	215	0.3	54.5	0.50	54	0.9	-2			CWG
535	APG-1103A-SU-12B-12	11/20/2009	10	2181	12	249	0.3	54.5	3.00	62	9.7	23			CWG
536	APG-1103A-SU-12B-13	11/20/2009	10	2181	6	211	0.3	54.5	1.50	53	4.4	-5			CWG
537	APG-1103A-SU-12B-14	11/20/2009	10	2181	6	259	0.3	54.5	1.50	65	4.4	30			CWG
538	APG-1103A-SU-12B-15	11/20/2009	10	2181	2	221	0.3	54.5	0.50	55	0.9	2			CWG
539	APG-1103A-SU-12B-16	11/20/2009	10	2181	0	210	0.3	54.5	0.00	53	-0.9	-6			CWG
540	APG-1103A-SU-12B-17	11/20/2009	10	2181	1	199	0.3	54.5	0.25	50	0.0	-14			CWG
541	APG-1103A-SU-12B-18	11/20/2009	10	2181	7	242	0.3	54.5	1.75	61	5.3	18			CWG
542	APG-1103A-SU-12B-19	11/20/2009	10	2181	1	212	0.3	54.5	0.25	53	0.0	-5			CWG
543	APG-1103A-SU-12B-20	11/20/2009	10	2181	0	192	0.3	54.5	0.00	48	-0.9	-19			CWG
544	APG-1103A-SU-13-01	11/20/2009	10	2181	1	207	0.3	54.5	0.25	52	0.0	-8			CWG
545	APG-1103A-SU-13-02	11/20/2009	10	2181	1	224	0.3	54.5	0.25	56	0.0	4			CWG
546	APG-1103A-SU-13-03	11/20/2009	10	2181	2	207	0.3	54.5	0.50	52	0.9	-8			CWG
547	APG-1103A-SU-13-04	11/20/2009	10	2181	1	208	0.3	54.5	0.25	52	0.0	-8			CWG
548	APG-1103A-SU-13-05	11/20/2009	10	2181	0	200	0.3	54.5	0.00	50	-0.9	-13			CWG
549	APG-1103A-SU-13-06	11/20/2009	10	2181	4	217	0.3	54.5	1.00	54	2.6	-1			CWG
550	APG-1103A-SU-13-07	11/20/2009	10	2181	1	214	0.3	54.5	0.25	54	0.0	-3			CWG
551	APG-1103A-SU-13-08	11/20/2009	10	2181	2	207	0.3	54.5	0.50	52	0.9	-8			CWG
552	APG-1103A-SU-13-09	11/20/2009	10	2181	1	207	0.3	54.5	0.25	52	0.0	-8			CWG
553	APG-1103A-SU-13-10	11/20/2009	10	2181	1	237	0.3	54.5	0.25	59	0.0	14			CWG
554	APG-1103A-SU-13-11	11/20/2009	10	2181	3	226	0.3	54.5	0.75	57	1.8	6			CWG
555	APG-1103A-SU-13-12	11/20/2009	10	2181	1	205	0.3	54.5	0.25	51	0.0	-10			CWG
556	APG-1103A-SU-13-13	11/20/2009	10	2181	0	231	0.3	54.5	0.00	58	-0.9	10			CWG
557	APG-1103A-SU-13-14	11/20/2009	10	2181	0	223	0.3	54.5	0.00	56	-0.9	4			CWG
558	APG-1103A-SU-13-15	11/20/2009	10	2181	0	222	0.3	54.5	0.00	56	-0.9	3			CWG
559	APG-1103A-SU-13-16	11/20/2009	10	2181	2	218	0.3	54.5	0.50	55	0.9	0			CWG
560	APG-1103A-SU-13-17	11/20/2009	10	2181	1	220	0.3	54.5	0.25	55	0.0	1			CWG
561	APG-1103A-SU-13-18	11/20/2009	10	2181	2	232	0.3	54.5	0.50	58	0.9	10			CWG
562	APG-1103A-SU-13-19	11/20/2009	10	2181	1	213	0.3	54.5	0.25	53	0.0	-4			CWG

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dpm/100 cm ²
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			α	β	α	β	α	β	α	β	α	β	FLAG	FLAG	
563	APG-1103A-SU-13-20	11/20/2009	10	2181	1	228	0.3	54.5	0.25	57	0.0	7			CWG
564	APG-1103A-SU-29-01	11/16/2009	9	2171	0	221	0.2	54.3	0.00	55	-0.8	3			CWG
565	APG-1103A-SU-29-02	11/16/2009	9	2171	0	224	0.2	54.3	0.00	56	-0.8	5			CWG
566	APG-1103A-SU-29-03	11/16/2009	9	2171	1	212	0.2	54.3	0.25	53	0.1	-4			CWG
567	APG-1103A-SU-29-04	11/16/2009	9	2171	0	222	0.2	54.3	0.00	56	-0.8	4			CWG
568	APG-1103A-SU-29-05	11/16/2009	9	2171	0	203	0.2	54.3	0.00	51	-0.8	-10			CWG
569	APG-1103A-SU-29-06	11/16/2009	9	2171	0	216	0.2	54.3	0.00	54	-0.8	-1			CWG
570	APG-1103A-SU-29-07	11/16/2009	9	2171	2	230	0.2	54.3	0.50	58	1.0	10			CWG
571	APG-1103A-SU-29-08	11/16/2009	9	2171	0	208	0.2	54.3	0.00	52	-0.8	-7			CWG
572	APG-1103A-SU-29-09	11/16/2009	9	2171	2	199	0.2	54.3	0.50	50	1.0	-13			CWG
573	APG-1103A-SU-29-10	11/16/2009	9	2171	4	209	0.2	54.3	1.00	52	2.7	-6			CWG
574	APG-1103A-SU-29-11	11/16/2009	9	2171	0	209	0.2	54.3	0.00	52	-0.8	-6			CWG
575	APG-1103A-SU-29-12	11/16/2009	9	2171	0	203	0.2	54.3	0.00	51	-0.8	-10			CWG
576	APG-1103A-SU-29-13	11/16/2009	9	2171	3	208	0.2	54.3	0.75	52	1.8	-7			CWG
577	APG-1103A-SU-29-14	11/16/2009	9	2171	0	213	0.2	54.3	0.00	53	-0.8	-3			CWG
578	APG-1103A-SU-29-15	11/16/2009	9	2171	3	226	0.2	54.3	0.75	57	1.8	7			CWG
579	APG-1103A-SU-29-16	11/16/2009	9	2171	0	234	0.2	54.3	0.00	59	-0.8	13			CWG
580	APG-1103A-SU-29-17	11/16/2009	9	2171	2	217	0.2	54.3	0.50	54	1.0	0			CWG
581	APG-1103A-SU-29-18	11/16/2009	9	2171	1	214	0.2	54.3	0.25	54	0.1	-2			CWG
582	APG-1103A-SU-29-19	11/16/2009	9	2171	0	205	0.2	54.3	0.00	51	-0.8	-9			CWG
583	APG-1103A-SU-29-20	11/16/2009	9	2171	1	230	0.2	54.3	0.25	58	0.1	10			CWG
320	APG-1103A-SU5-01	11/12/2009	7	2007	2	195	0.2	50.2	0.50	49	1.1	-4			CWG
321	APG-1103A-SU5-02	11/12/2009	7	2007	1	223	0.2	50.2	0.25	56	0.3	17			CWG
322	APG-1103A-SU5-03	11/12/2009	7	2007	1	232	0.2	50.2	0.25	58	0.3	23			CWG
323	APG-1103A-SU5-04	11/12/2009	7	2007	0	222	0.2	50.2	0.00	56	-0.6	16			CWG
324	APG-1103A-SU5-05	11/12/2009	7	2007	0	212	0.2	50.2	0.00	53	-0.6	8			CWG
325	APG-1103A-SU5-06	11/12/2009	7	2007	0	214	0.2	50.2	0.00	54	-0.6	10			CWG
326	APG-1103A-SU5-07	11/12/2009	7	2007	2	208	0.2	50.2	0.50	52	1.1	5			CWG
327	APG-1103A-SU5-08	11/12/2009	7	2007	1	225	0.2	50.2	0.25	56	0.3	18			CWG
328	APG-1103A-SU5-09	11/12/2009	7	2007	1	216	0.2	50.2	0.25	54	0.3	11			CWG
329	APG-1103A-SU5-10	11/12/2009	7	2007	1	216	0.2	50.2	0.25	54	0.3	11			CWG
330	APG-1103A-SU5-11	11/12/2009	7	2007	0	242	0.2	50.2	0.00	61	-0.6	31			CWG
331	APG-1103A-SU5-12	11/12/2009	7	2007	1	195	0.2	50.2	0.25	49	0.3	-4			CWG
332	APG-1103A-SU5-13	11/12/2009	7	2007	1	198	0.2	50.2	0.25	50	0.3	-2			CWG
333	APG-1103A-SU5-14	11/12/2009	7	2007	0	189	0.2	50.2	0.00	47	-0.6	-9			CWG
334	APG-1103A-SU5-15	11/12/2009	7	2007	0	212	0.2	50.2	0.00	53	-0.6	8			CWG
335	APG-1103A-SU5-16	11/12/2009	7	2007	2	211	0.2	50.2	0.50	53	1.1	8			CWG
336	APG-1103A-SU5-17	11/12/2009	7	2007	1	194	0.2	50.2	0.25	49	0.3	-5			CWG
337	APG-1103A-SU5-18	11/12/2009	7	2007	0	196	0.2	50.2	0.00	49	-0.6	-3			CWG

Aberdeen Proving Ground - Building 1103A Final Status Survey Results

Ludlum 2929	SN 196230	Cal Due 12/08/09
α eff	β eff	
0.2845	0.3363	

Sample Count Time (min)	Daily Bkg Count Time (min)
4.0	10.0

dpm/100 cm ²
α Flag β Flag
10 100

seq. #	Sample ID#	Date	Background Total Counts*		Sample Total Counts		Background (cpm)		Sample Counts (cpm)		Sample (dpm/100 cm ²)		> a flag	> β flag	Tech. Initial
			α	β	α	β	α	β	α	β	α	β	FLAG	FLAG	
338	APG-1103A-SU5-19	11/12/2009	7	2007	0	221	0.2	50.2	0.00	55	-0.6	15			CWG
339	APG-1103A-SU5-20	11/12/2009	7	2007	0	211	0.2	50.2	0.00	53	-0.6	8			CWG
340	APG-1103A-SU7-01	11/13/2009	5	2145	2	213	0.1	53.6	0.50	53	1.3	-1			CWG
341	APG-1103A-SU7-02	11/13/2009	5	2145	0	215	0.1	53.6	0.00	54	-0.4	0			CWG
342	APG-1103A-SU7-03	11/13/2009	5	2145	1	220	0.1	53.6	0.25	55	0.4	4			CWG
343	APG-1103A-SU7-04	11/13/2009	5	2145	0	230	0.1	53.6	0.00	58	-0.4	12			CWG
344	APG-1103A-SU7-05	11/13/2009	5	2145	3	205	0.1	53.6	0.75	51	2.2	-7			CWG
345	APG-1103A-SU7-06	11/13/2009	5	2145	0	211	0.1	53.6	0.00	53	-0.4	-3			CWG
346	APG-1103A-SU7-07	11/13/2009	5	2145	0	205	0.1	53.6	0.00	51	-0.4	-7			CWG
347	APG-1103A-SU7-08	11/13/2009	5	2145	1	211	0.1	53.6	0.25	53	0.4	-3			CWG
348	APG-1103A-SU7-09	11/13/2009	5	2145	1	215	0.1	53.6	0.25	54	0.4	0			CWG
349	APG-1103A-SU7-10	11/13/2009	5	2145	0	203	0.1	53.6	0.00	51	-0.4	-9			CWG
350	APG-1103A-SU7-11	11/13/2009	5	2145	0	196	0.1	53.6	0.00	49	-0.4	-14			CWG
351	APG-1103A-SU7-12	11/13/2009	5	2145	0	209	0.1	53.6	0.00	52	-0.4	-4			CWG
352	APG-1103A-SU7-13	11/13/2009	5	2145	0	193	0.1	53.6	0.00	48	-0.4	-16			CWG
353	APG-1103A-SU7-14	11/13/2009	5	2145	0	204	0.1	53.6	0.00	51	-0.4	-8			CWG
354	APG-1103A-SU7-15	11/13/2009	5	2145	0	217	0.1	53.6	0.00	54	-0.4	2			CWG
355	APG-1103A-SU7-16	11/13/2009	5	2145	0	223	0.1	53.6	0.00	56	-0.4	6			CWG
356	APG-1103A-SU7-17	11/13/2009	5	2145	0	226	0.1	53.6	0.00	57	-0.4	9			CWG
357	APG-1103A-SU7-18	11/13/2009	5	2145	0	216	0.1	53.6	0.00	54	-0.4	1			CWG
358	APG-1103A-SU7-18/EW	11/13/2009	5	2145	0	213	0.1	53.6	0.00	53	-0.4	-1			CWG
359	APG-1103A-SU7-19	11/13/2009	5	2145	0	205	0.1	53.6	0.00	51	-0.4	-7			CWG
360	APG-1103A-SU7-20	11/13/2009	5	2145	3	211	0.1	53.6	0.75	53	2.2	-3			CWG
361	APG-1103A-SU8-01	11/16/2009	9	2171	0	213	0.2	54.3	0.00	53	-0.8	-3			CWG
362	APG-1103A-SU8-02	11/16/2009	9	2171	1	198	0.2	54.3	0.25	50	0.1	-14			CWG
363	APG-1103A-SU8-03	11/16/2009	9	2171	0	216	0.2	54.3	0.00	54	-0.8	-1			CWG
364	APG-1103A-SU8-04	11/16/2009	9	2171	2	194	0.2	54.3	0.50	49	1.0	-17			CWG
365	APG-1103A-SU8-05	11/16/2009	9	2171	2	182	0.2	54.3	0.50	46	1.0	-26			CWG
366	APG-1103A-SU8-06	11/16/2009	9	2171	0	197	0.2	54.3	0.00	49	-0.8	-15			CWG
367	APG-1103A-SU8-07	11/16/2009	9	2171	26	246	0.2	54.3	6.50	62	22.1	21	FLAG		CWG
368	APG-1103A-SU8-08	11/16/2009	9	2171	1	227	0.2	54.3	0.25	57	0.1	7			CWG
369	APG-1103A-SU8-09	11/16/2009	9	2171	0	222	0.2	54.3	0.00	56	-0.8	4			CWG
370	APG-1103A-SU8-10	11/16/2009	9	2171	5	206	0.2	54.3	1.25	52	3.6	-8			CWG
371	APG-1103A-SU8-11	11/16/2009	9	2171	0	198	0.2	54.3	0.00	50	-0.8	-14			CWG
372	APG-1103A-SU8-12	11/16/2009	9	2171	1	227	0.2	54.3	0.25	57	0.1	7			CWG
373	APG-1103A-SU8-13	11/16/2009	9	2171	0	244	0.2	54.3	0.00	61	-0.8	20			CWG
374	APG-1103A-SU8-14	11/16/2009	9	2171	0	223	0.2	54.3	0.00	56	-0.8	4			CWG
375	APG-1103A-SU8-15	11/16/2009	9	2171	1	204	0.2	54.3	0.25	51	0.1	-10			CWG
376	APG-1103A-SU8-16	11/16/2009	9	2171	1	215	0.2	54.3	0.25	54	0.1	-2			CWG

Aberdeen Proving Ground - Building 1103A Final Status Survey Results

Ludlum 2929	SN 196230	Cal Due 12/08/09
α eff	β eff	
0.2845	0.3363	

Sample Count Time (min)	Daily Bkg Count Time (min)
4.0	10.0

dpm/100 cm ²
α Flag β Flag
10 100

seq. #	Sample ID#	Date	Background Total Counts*		Sample Total Counts		Background (cpm)		Sample Counts (cpm)		Sample (dpm/100 cm ²)		> a flag	> β flag	Tech. Initial
			α	β	α	β	α	β	α	β	α	β	FLAG	FLAG	
377	APG-1103A-SU8-17	11/16/2009	9	2171	0	240	0.2	54.3	0.00	60	-0.8	17			CWG
378	APG-1103A-SU8-18	11/16/2009	9	2171	1	224	0.2	54.3	0.25	56	0.1	5			CWG
379	APG-1103A-SU8-19	11/16/2009	9	2171	1	249	0.2	54.3	0.25	62	0.1	24			CWG
380	APG-1103A-SU8-20	11/16/2009	9	2171	0	231	0.2	54.3	0.00	58	-0.8	10			CWG
381	APG-1103A-SU-9-01	11/19/2009	7	2181	1	194	0.2	54.5	0.25	49	0.3	-18			CWG
382	APG-1103A-SU-9-02	11/19/2009	7	2181	1	218	0.2	54.5	0.25	55	0.3	0			CWG
383	APG-1103A-SU-9-03	11/19/2009	7	2181	0	206	0.2	54.5	0.00	52	-0.6	-9			CWG
384	APG-1103A-SU-9-04	11/19/2009	7	2181	2	221	0.2	54.5	0.50	55	1.1	2			CWG
385	APG-1103A-SU-9-05	11/19/2009	7	2181	1	239	0.2	54.5	0.25	60	0.3	16			CWG
386	APG-1103A-SU-9-06	11/19/2009	7	2181	2	188	0.2	54.5	0.50	47	1.1	-22			CWG
387	APG-1103A-SU-9-07	11/19/2009	7	2181	0	233	0.2	54.5	0.00	58	-0.6	11			CWG
388	APG-1103A-SU-9-08	11/19/2009	7	2181	1	230	0.2	54.5	0.25	58	0.3	9			CWG
389	APG-1103A-SU-9-09	11/19/2009	7	2181	2	231	0.2	54.5	0.50	58	1.1	10			CWG
390	APG-1103A-SU-9-10	11/19/2009	7	2181	2	229	0.2	54.5	0.50	57	1.1	8			CWG
391	APG-1103A-SU-9-11	11/19/2009	7	2181	1	226	0.2	54.5	0.25	57	0.3	6			CWG
392	APG-1103A-SU-9-12	11/19/2009	7	2181	0	228	0.2	54.5	0.00	57	-0.6	7			CWG
393	APG-1103A-SU-9-13	11/19/2009	7	2181	1	200	0.2	54.5	0.25	50	0.3	-13			CWG
394	APG-1103A-SU-9-14	11/19/2009	7	2181	1	192	0.2	54.5	0.25	48	0.3	-19			CWG
395	APG-1103A-SU-9-15	11/19/2009	7	2181	0	225	0.2	54.5	0.00	56	-0.6	5			CWG
396	APG-1103A-SU-9-16	11/19/2009	7	2181	1	204	0.2	54.5	0.25	51	0.3	-10			CWG
397	APG-1103A-SU-9-17	11/19/2009	7	2181	1	210	0.2	54.5	0.25	53	0.3	-6			CWG
398	APG-1103A-SU-9-18	11/19/2009	7	2181	1	195	0.2	54.5	0.25	49	0.3	-17			CWG
399	APG-1103A-SU-9-19	11/19/2009	7	2181	0	221	0.2	54.5	0.00	55	-0.6	2			CWG
400	APG-1103A-SU-9-20	11/19/2009	7	2181	0	211	0.2	54.5	0.00	53	-0.6	-5			CWG
401	APG-1103B-SU-26-001	11/16/2009	9	2171	1	223	0.2	54.3	0.25	56	0.1	4			CWG
402	APG-1103B-SU-26-002	11/16/2009	9	2171	0	202	0.2	54.3	0.00	51	-0.8	-11			CWG
403	APG-1103B-SU-26-003	11/16/2009	9	2171	1	202	0.2	54.3	0.25	51	0.1	-11			CWG
404	APG-1103B-SU-26-004	11/16/2009	9	2171	2	205	0.2	54.3	0.50	51	1.0	-9			CWG
405	APG-1103B-SU-26-005	11/16/2009	9	2171	1	198	0.2	54.3	0.25	50	0.1	-14			CWG
406	APG-1103B-SU-26-006	11/16/2009	9	2171	1	191	0.2	54.3	0.25	48	0.1	-19			CWG
407	APG-1103B-SU-26-007	11/16/2009	9	2171	1	202	0.2	54.3	0.25	51	0.1	-11			CWG
408	APG-1103B-SU-26-008	11/16/2009	9	2171	0	215	0.2	54.3	0.00	54	-0.8	-2			CWG
409	APG-1103B-SU-26-009	11/16/2009	9	2171	1	197	0.2	54.3	0.25	49	0.1	-15			CWG
409	APG-1103B-SU-26-010	11/16/2009	9	2171	0	217	0.2	54.3	0.00	54	-0.8	0			CWG
410	APG-1103B-SU-26-011	11/16/2009	9	2171	4	195	0.2	54.3	1.00	49	2.7	-16			CWG
411	APG-1103B-SU-26-012	11/16/2009	9	2171	0	207	0.2	54.3	0.00	52	-0.8	-8			CWG
412	APG-1103B-SU-26-013	11/16/2009	9	2171	4	202	0.2	54.3	1.00	51	2.7	-11			CWG
413	APG-1103B-SU-26-014	11/16/2009	9	2171	1	188	0.2	54.3	0.25	47	0.1	-22			CWG
414	APG-1103B-SU-26-015	11/16/2009	9	2171	0	180	0.2	54.3	0.00	45	-0.8	-28			CWG

Aberdeen Proving Ground - Building 1103A Final Status Survey Results

Ludlum 2929	SN 196230	Cal Due 12/08/09
α eff	β eff	
0.2845	0.3363	

Sample Count Time (min)	Daily Bkg Count Time (min)
4.0	10.0

dpm/100 cm ²
α Flag β Flag
10 100

seq. #	Sample ID#	Date	Background Total Counts*		Sample Total Counts		Background (cpm)		Sample Counts (cpm)		Sample (dpm/100 cm ²)		> α flag	> β flag	Tech. Initial
			α	β	α	β	α	β	α	β	α	β	FLAG	FLAG	
415	APG-1103B-SU-26-016	11/16/2009	9	2171	1	198	0.2	54.3	0.25	50	0.1	-14			CWG
416	APG-1103B-SU-26-017	11/16/2009	9	2171	1	190	0.2	54.3	0.25	48	0.1	-20			CWG
417	APG-1103B-SU-26-018	11/16/2009	9	2171	1	217	0.2	54.3	0.25	54	0.1	0			CWG
418	APG-1103B-SU-26-019	11/16/2009	9	2171	0	210	0.2	54.3	0.00	53	-0.8	-5			CWG
419	APG-1103B-SU-26-020	11/16/2009	9	2171	0	209	0.2	54.3	0.00	52	-0.8	-6			CWG
n/a	APG/1103A/SU8-07--RECOUNT	1/5/2010	4	2374	14	348	0.1	59.4	3.50	87	11.9	82	FLAG		CWG

Aberdeen Proving Ground - Building 1103A Final Status Survey Results

Ludlum 2929 SN 174039 Cal Due 08/10/10	
α eff	β eff
0.3559	0.1814

Sample Count Time (min)	Daily Bkg Count Time (min)
4.0	10.0

dpm/100 cm ²	
α Flag	β Flag
10	100

seq. #	Sample ID#	Date	Background Total Counts*		Sample Total Counts		Background (cpm)		Sample Counts (cpm)		Sample (dpm/100 cm ²)		> α flag	> β flag	Tech. Initial
			α	β	α	β	α	β	α	β	α	β	FLAG	FLAG	
260	BLDG 1103A,SURVEY UNIT 6,SOUTH FLOOR 6-1	11/5/2009	2	460	0	180	0	46	0	45	-1	-6			JF
261	SOUTH FLOOR 6-2	11/5/2009	2	460	1	129	0	46	0	32	0	-76			JF
262	SOUTH FLOOR 6-3	11/5/2009	2	460	1	160	0	46	0	40	0	-33			JF
263	SOUTH FLOOR 6-4	11/5/2009	2	460	0	152	0	46	0	38	-1	-44			JF
264	SOUTH FLOOR 6-5	11/5/2009	2	460	0	147	0	46	0	37	-1	-51			JF
265	SOUTH FLOOR 6-6	11/5/2009	2	460	0	159	0	46	0	40	-1	-34			JF
266	SOUTH FLOOR 6-7	11/5/2009	2	460	0	163	0	46	0	41	-1	-29			JF
267	SOUTH FLOOR 6-8	11/5/2009	2	460	1	210	0	46	0	53	0	36			JF
268	SOUTH FLOOR 6-9	11/5/2009	2	460	1	179	0	46	0	45	0	-7			JF
269	SOUTH FLOOR 6-10	11/5/2009	2	460	0	180	0	46	0	45	-1	-6			JF
270	SOUTH FLOOR 6-11	11/5/2009	2	460	0	151	0	46	0	38	-1	-45			JF
271	SOUTH FLOOR 6-12	11/5/2009	2	460	0	139	0	46	0	35	-1	-62			JF
272	SOUTH FLOOR 6-13	11/5/2009	2	460	1	170	0	46	0	43	0	-19			JF
273	SOUTH FLOOR 6-14	11/5/2009	2	460	1	162	0	46	0	41	0	-30			JF
274	SOUTH FLOOR 6-15	11/5/2009	2	460	0	178	0	46	0	45	-1	-8			JF
275	SOUTH FLOOR 6-16	11/5/2009	2	460	0	180	0	46	0	45	-1	-6			JF
276	SOUTH FLOOR 6-17	11/5/2009	2	460	0	170	0	46	0	43	-1	-19			JF
277	SOUTH FLOOR 6-18	11/5/2009	2	460	2	188	0	46	1	47	1	6			JF
278	SOUTH FLOOR 6-19	11/5/2009	2	460	0	159	0	46	0	40	-1	-34			JF
279	SOUTH FLOOR 6-20	11/5/2009	2	460	0	132	0	46	0	33	-1	-72			JF

Aberdeen Proving Ground - Building 1103A Final Status Survey Results

Ludlum 2929	SN 196230	Cal Due 11/25/10
α eff		β eff
0.2905		0.3364

Sample Count Time (min)	Daily Bkg Count Time (min)
4.0	40.0

dpm/100 cm ²	
α Flag	β Flag
10	100

seq. #	Sample ID#	Date	Background Total Counts*		Sample Total Counts		Background (cpm)		Sample Counts (cpm)		Sample (dpm/100 cm ²)		> α flag	> β flag	Tech. Initial
			α	β	α	β	α	β	α	β	α	β	FLAG	FLAG	
327	APG-1103A-SU-3-01	12/10/2009	5	2369	0	266	0.1	59.2	0.00	67	-0.4	22			CWG
328	APG-1103A-SU-3-02	12/10/2009	5	2369	0	230	0.1	59.2	0.00	58	-0.4	-5			CWG
329	APG-1103A-SU-3-03	12/10/2009	5	2369	5	224	0.1	59.2	1.25	56	3.9	-10			CWG
330	APG-1103A-SU-3-04	12/10/2009	5	2369	0	264	0.1	59.2	0.00	66	-0.4	20			CWG
331	APG-1103A-SU-3-05	12/10/2009	5	2369	1	202	0.1	59.2	0.25	51	0.4	-26			CWG
332	APG-1103A-SU-3-06	12/10/2009	5	2369	1	237	0.1	59.2	0.25	59	0.4	0			CWG
333	APG-1103A-SU-3-07	12/10/2009	5	2369	1	256	0.1	59.2	0.25	64	0.4	14			CWG
334	APG-1103A-SU-3-08	12/10/2009	5	2369	3	245	0.1	59.2	0.75	61	2.2	6			CWG
335	APG-1103A-SU-3-09	12/10/2009	5	2369	0	250	0.1	59.2	0.00	63	-0.4	10			CWG
336	APG-1103A-SU-3-10	12/10/2009	5	2369	0	207	0.1	59.2	0.00	52	-0.4	-22			CWG
337	APG-1103A-SU-3-11	12/10/2009	5	2369	2	235	0.1	59.2	0.50	59	1.3	-1			CWG
338	APG-1103A-SU-3-12	12/10/2009	5	2369	0	238	0.1	59.2	0.00	60	-0.4	1			CWG
339	APG-1103A-SU-3-13	12/10/2009	5	2369	2	260	0.1	59.2	0.50	65	1.3	17			CWG
340	APG-1103A-SU-3-14	12/10/2009	5	2369	4	240	0.1	59.2	1.00	60	3.0	2			CWG
10	APG-1103A-SU-15-01	12/4/2009	13	2398	1	221	0.3	60.0	0.25	55	-0.3	-14			CWG
11	APG-1103A-SU-15-02	12/4/2009	13	2398	2	272	0.3	60.0	0.50	68	0.6	24			CWG
12	APG-1103A-SU-15-03	12/4/2009	13	2398	1	223	0.3	60.0	0.25	56	-0.3	-12			CWG
13	APG-1103A-SU-15-04	12/4/2009	13	2398	1	211	0.3	60.0	0.25	53	-0.3	-21			CWG
14	APG-1103A-SU-15-05	12/4/2009	13	2398	3	256	0.3	60.0	0.75	64	1.5	12			CWG
15	APG-1103A-SU-15-06	12/4/2009	13	2398	2	219	0.3	60.0	0.50	55	0.6	-15			CWG
16	APG-1103A-SU-15-07	12/4/2009	13	2398	2	250	0.3	60.0	0.50	63	0.6	8			CWG
17	APG-1103A-SU-15-08	12/4/2009	13	2398	0	262	0.3	60.0	0.00	66	-1.1	16			CWG
18	APG-1103A-SU-15-09	12/4/2009	13	2398	4	221	0.3	60.0	1.00	55	2.3	-14			CWG
19	APG-1103A-SU-15-10	12/4/2009	13	2398	1	263	0.3	60.0	0.25	66	-0.3	17			CWG
20	APG-1103A-SU-15-11	12/4/2009	13	2398	0	235	0.3	60.0	0.00	59	-1.1	-4			CWG
21	APG-1103A-SU-15-12	12/4/2009	13	2398	1	247	0.3	60.0	0.25	62	-0.3	5			CWG
22	APG-1103A-SU-15-13	12/4/2009	13	2398	3	228	0.3	60.0	0.75	57	1.5	-9			CWG
23	APG-1103A-SU-15-14	12/4/2009	13	2398	0	240	0.3	60.0	0.00	60	-1.1	0			CWG
24	APG-1103A-SU-15-15	12/4/2009	13	2398	1	202	0.3	60.0	0.25	51	-0.3	-28			CWG
25	APG-1103A-SU-15-16	12/4/2009	13	2398	3	228	0.3	60.0	0.75	57	1.5	-9			CWG
26	APG-1103A-SU-15-17	12/4/2009	13	2398	0	218	0.3	60.0	0.00	55	-1.1	-16			CWG
27	APG-1103A-SU-15-18	12/4/2009	13	2398	0	245	0.3	60.0	0.00	61	-1.1	4			CWG
28	APG-1103A-SU-15-19	12/4/2009	13	2398	4	231	0.3	60.0	1.00	58	2.3	-7			CWG
29	APG-1103A-SU-15-20	12/4/2009	13	2398	2	240	0.3	60.0	0.50	60	0.6	0			CWG
30	APG-1103A-SU-15-21	12/4/2009	13	2398	0	230	0.3	60.0	0.00	58	-1.1	-7			CWG
31	APG-1103A-SU-19-01	12/10/2009	5	2369	2	238	0.1	59.2	0.50	60	1.3	1			CWG
32	APG-1103A-SU-19-02	12/10/2009	5	2369	0	223	0.1	59.2	0.00	56	-0.4	-10			CWG

Aberdeen Proving Ground - Building 1103A Final Status Survey Results

Ludlum 2929	SN 196230	Cal Due 11/25/10
α eff		β eff
0.2905		0.3364

Sample Count Time (min)	Daily Bkg Count Time (min)
4.0	40.0

dpm/100 cm ²
α Flag β Flag
10 100

seq. #	Sample ID#	Date	Background Total Counts*		Sample Total Counts		Background (cpm)		Sample Counts (cpm)		Sample (dpm/100 cm ²)		> α flag	> β flag	Tech. Initial
			α	β	α	β	α	β	α	β	α	β	FLAG	FLAG	
33	APG-1103A-SU-19-03	12/10/2009	5	2369	0	221	0.1	59.2	0.00	55	-0.4	-12			CWG
34	APG-1103A-SU-19-04	12/10/2009	5	2369	2	256	0.1	59.2	0.50	64	1.3	14			CWG
35	APG-1103A-SU-19-05	12/10/2009	5	2369	0	241	0.1	59.2	0.00	60	-0.4	3			CWG
36	APG-1103A-SU-19-06	12/10/2009	5	2369	0	229	0.1	59.2	0.00	57	-0.4	-6			CWG
37	APG-1103A-SU-19-07	12/10/2009	5	2369	0	284	0.1	59.2	0.00	71	-0.4	35			CWG
38	APG-1103A-SU-19-08	12/10/2009	5	2369	2	233	0.1	59.2	0.50	58	1.3	-3			CWG
39	APG-1103A-SU-19-09	12/10/2009	5	2369	0	257	0.1	59.2	0.00	64	-0.4	15			CWG
40	APG-1103A-SU-19-10	12/10/2009	5	2369	0	248	0.1	59.2	0.00	62	-0.4	8			CWG
41	APG-1103A-SU-19-11	12/10/2009	5	2369	2	234	0.1	59.2	0.50	59	1.3	-2			CWG
42	APG-1103A-SU-19-12	12/10/2009	5	2369	1	248	0.1	59.2	0.25	62	0.4	8			CWG
43	APG-1103A-SU-19-13	12/10/2009	5	2369	1	252	0.1	59.2	0.25	63	0.4	11			CWG
44	APG-1103A-SU-19-14	12/10/2009	5	2369	0	218	0.1	59.2	0.00	55	-0.4	-14			CWG
45	APG-1103A-SU-19-15	12/10/2009	5	2369	2	257	0.1	59.2	0.50	64	1.3	15			CWG
46	APG-1103A-SU-19-16	12/10/2009	5	2369	4	254	0.1	59.2	1.00	64	3.0	13			CWG
47	APG-1103A-SU-19-17	12/10/2009	5	2369	1	228	0.1	59.2	0.25	57	0.4	-7			CWG
48	APG-1103A-SU-19-18	12/10/2009	5	2369	0	242	0.1	59.2	0.00	61	-0.4	4			CWG
49	APG-1103A-SU-19-19	12/10/2009	5	2369	0	224	0.1	59.2	0.00	56	-0.4	-10			CWG
50	APG-1103A-SU-19-20	12/10/2009	5	2369	1	227	0.1	59.2	0.25	57	0.4	-7			CWG
51	APG-1103A-SU-19B-01	12/10/2009	5	2369	2	229	0.1	59.2	0.50	57	1.3	-6			CWG
52	APG-1103A-SU-19B-02	12/10/2009	5	2369	2	238	0.1	59.2	0.50	60	1.3	1			CWG
53	APG-1103A-SU-19B-03	12/10/2009	5	2369	3	236	0.1	59.2	0.75	59	2.2	-1			CWG
54	APG-1103A-SU-19B-04	12/10/2009	5	2369	2	268	0.1	59.2	0.50	67	1.3	23			CWG
55	APG-1103A-SU-19B-05	12/10/2009	5	2369	0	265	0.1	59.2	0.00	66	-0.4	21			CWG
56	APG-1103A-SU-19B-06	12/10/2009	5	2369	1	254	0.1	59.2	0.25	64	0.4	13			CWG
57	APG-1103A-SU-19B-07	12/10/2009	5	2369	2	247	0.1	59.2	0.50	62	1.3	8			CWG
58	APG-1103A-SU-19B-08	12/10/2009	5	2369	1	235	0.1	59.2	0.25	59	0.4	-1			CWG
59	APG-1103A-SU-19B-09	12/10/2009	5	2369	0	230	0.1	59.2	0.00	58	-0.4	-5			CWG
60	APG-1103A-SU-19B-10	12/10/2009	5	2369	0	240	0.1	59.2	0.00	60	-0.4	2			CWG
61	APG-1103A-SU-19B-11	12/10/2009	5	2369	2	248	0.1	59.2	0.50	62	1.3	8			CWG
62	APG-1103A-SU-19B-12	12/10/2009	5	2369	2	253	0.1	59.2	0.50	63	1.3	12			CWG
63	APG-1103A-SU-19B-13	12/10/2009	5	2369	2	232	0.1	59.2	0.50	58	1.3	-4			CWG
64	APG-1103A-SU-19B-14	12/10/2009	5	2369	1	247	0.1	59.2	0.25	62	0.4	8			CWG
65	APG-1103A-SU-19B-15	12/10/2009	5	2369	1	207	0.1	59.2	0.25	52	0.4	-22			CWG
66	APG-1103A-SU-19B-16	12/10/2009	5	2369	1	240	0.1	59.2	0.25	60	0.4	2			CWG
67	APG-1103A-SU-19B-17	12/10/2009	5	2369	1	229	0.1	59.2	0.25	57	0.4	-6			CWG
68	APG-1103A-SU-19B-18	12/10/2009	5	2369	2	259	0.1	59.2	0.50	65	1.3	16			CWG
69	APG-1103A-SU-19B-19	12/10/2009	5	2369	1	222	0.1	59.2	0.25	56	0.4	-11			CWG
70	APG-1103A-SU-19B-20	12/10/2009	5	2369	2	228	0.1	59.2	0.50	57	1.3	-7			CWG

Aberdeen Proving Ground - Building 1103A Final Status Survey Results

Ludlum 2929	SN 196230	Cal Due 11/25/10
α eff		β eff
0.2905		0.3364

Sample Count Time (min)	Daily Bkg Count Time (min)
4.0	40.0

dpm/100 cm ²
α Flag β Flag
10 100

seq. #	Sample ID#	Date	Background Total Counts*		Sample Total Counts		Background (cpm)		Sample Counts (cpm)		Sample (dpm/100 cm ²)		> α flag	> β flag	Tech. Initial
			α	β	α	β	α	β	α	β	α	β	FLAG	FLAG	
71	APG-1103A-SU-20-01	12/9/2009	4	2398	0	241	0.1	60.0	0.00	60	-0.3	1			CWG
72	APG-1103A-SU-20-02	12/9/2009	4	2398	0	245	0.1	60.0	0.00	61	-0.3	4			CWG
73	APG-1103A-SU-20-03	12/9/2009	4	2398	1	249	0.1	60.0	0.25	62	0.5	7			CWG
74	APG-1103A-SU-20-04	12/9/2009	4	2398	0	216	0.1	60.0	0.00	54	-0.3	-18			CWG
75	APG-1103A-SU-20-05	12/9/2009	4	2398	0	226	0.1	60.0	0.00	57	-0.3	-10			CWG
76	APG-1103A-SU-20-06	12/9/2009	4	2398	1	237	0.1	60.0	0.25	59	0.5	-2			CWG
77	APG-1103A-SU-20-07	12/9/2009	4	2398	1	232	0.1	60.0	0.25	58	0.5	-6			CWG
78	APG-1103A-SU-20-08	12/9/2009	4	2398	0	220	0.1	60.0	0.00	55	-0.3	-15			CWG
79	APG-1103A-SU-20-09	12/9/2009	4	2398	1	243	0.1	60.0	0.25	61	0.5	2			CWG
80	APG-1103A-SU-20-10	12/9/2009	4	2398	0	231	0.1	60.0	0.00	58	-0.3	-7			CWG
81	APG-1103A-SU-20-11	12/9/2009	4	2398	1	233	0.1	60.0	0.25	58	0.5	-5			CWG
82	APG-1103A-SU-20-12	12/9/2009	4	2398	0	242	0.1	60.0	0.00	61	-0.3	2			CWG
83	APG-1103A-SU-20-13	12/9/2009	4	2398	1	229	0.1	60.0	0.25	57	0.5	-8			CWG
84	APG-1103A-SU-20-14	12/9/2009	4	2398	1	265	0.1	60.0	0.25	66	0.5	19			CWG
85	APG-1103A-SU-20-15	12/9/2009	4	2398	0	231	0.1	60.0	0.00	58	-0.3	-7			CWG
86	APG-1103A-SU-20-16	12/9/2009	4	2398	0	232	0.1	60.0	0.00	58	-0.3	-6			CWG
87	APG-1103A-SU-20-17	12/9/2009	4	2398	1	213	0.1	60.0	0.25	53	0.5	-20			CWG
88	APG-1103A-SU-20-18	12/9/2009	4	2398	0	242	0.1	60.0	0.00	61	-0.3	2			CWG
89	APG-1103A-SU-20-19	12/9/2009	4	2398	1	255	0.1	60.0	0.25	64	0.5	11			CWG
90	APG-1103A-SU-20-20	12/9/2009	4	2398	0	252	0.1	60.0	0.00	63	-0.3	9			CWG
121	APG-1103A-SU-20A-01	12/9/2009	4	2398	1	242	0.1	60.0	0.25	61	0.5	2			CWG
122	APG-1103A-SU-20A-02	12/9/2009	4	2398	2	216	0.1	60.0	0.50	54	1.4	-18			CWG
123	APG-1103A-SU-20A-03	12/9/2009	4	2398	1	237	0.1	60.0	0.25	59	0.5	-2			CWG
124	APG-1103A-SU-20A-04	12/9/2009	4	2398	3	249	0.1	60.0	0.75	62	2.2	7			CWG
125	APG-1103A-SU-20A-05	12/9/2009	4	2398	0	216	0.1	60.0	0.00	54	-0.3	-18			CWG
126	APG-1103A-SU-20A-06	12/9/2009	4	2398	0	226	0.1	60.0	0.00	57	-0.3	-10			CWG
127	APG-1103A-SU-20A-07	12/9/2009	4	2398	2	242	0.1	60.0	0.50	61	1.4	2			CWG
128	APG-1103A-SU-20A-08	12/9/2009	4	2398	0	225	0.1	60.0	0.00	56	-0.3	-11			CWG
129	APG-1103A-SU-20A-09	12/9/2009	4	2398	0	232	0.1	60.0	0.00	58	-0.3	-6			CWG
130	APG-1103A-SU-20A-10	12/9/2009	4	2398	2	223	0.1	60.0	0.50	56	1.4	-12			CWG
131	APG-1103A-SU-20A-11	12/9/2009	4	2398	2	214	0.1	60.0	0.50	54	1.4	-19			CWG
132	APG-1103A-SU-20A-12	12/9/2009	4	2398	4	219	0.1	60.0	1.00	55	3.1	-15			CWG
133	APG-1103A-SU-20A-13	12/9/2009	4	2398	0	240	0.1	60.0	0.00	60	-0.3	0			CWG
134	APG-1103A-SU-20A-14	12/9/2009	4	2398	1	243	0.1	60.0	0.25	61	0.5	2			CWG
135	APG-1103A-SU-20A-15	12/9/2009	4	2398	0	254	0.1	60.0	0.00	64	-0.3	11			CWG
136	APG-1103A-SU-20A-16	12/9/2009	4	2398	0	205	0.1	60.0	0.00	51	-0.3	-26			CWG
137	APG-1103A-SU-20A-17	12/9/2009	4	2398	2	240	0.1	60.0	0.50	60	1.4	0			CWG

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Ludlum 2929	SN 196230	Cal Due 11/25/10
α eff		β eff
0.2905		0.3364

Sample Count Time (min)	Daily Bkg Count Time (min)
4.0	40.0

dpm/100 cm ²	
α Flag	β Flag
10	100

seq. #	Sample ID#	Date	Background Total Counts*		Sample Total Counts		Background (cpm)		Sample Counts (cpm)		Sample (dpm/100 cm ²)		> α flag	> β flag	Tech. Initial
			α	β	α	β	α	β	α	β	α	β	FLAG	FLAG	
138	APG-1103A-SU-20A-18	12/9/2009	4	2398	1	244	0.1	60.0	0.25	61	0.5	3			CWG
139	APG-1103A-SU-20A-19	12/9/2009	4	2398	0	244	0.1	60.0	0.00	61	-0.3	3			CWG
140	APG-1103A-SU-20A-20	12/9/2009	4	2398	1	245	0.1	60.0	0.25	61	0.5	4			CWG
141	APG-1103A-SU-23-01	12/11/2009	13	2331	2	229	0.3	58.3	0.50	57	0.6	-3			CWG
142	APG-1103A-SU-23-02	12/11/2009	13	2331	0	231	0.3	58.3	0.00	58	-1.1	-2			CWG
143	APG-1103A-SU-23-03	12/11/2009	13	2331	3	231	0.3	58.3	0.75	58	1.5	-2			CWG
144	APG-1103A-SU-23-04	12/11/2009	13	2331	1	254	0.3	58.3	0.25	64	-0.3	16			CWG
145	APG-1103A-SU-23-05	12/11/2009	13	2331	2	241	0.3	58.3	0.50	60	0.6	6			CWG
146	APG-1103A-SU-23-06	12/11/2009	13	2331	5	208	0.3	58.3	1.25	52	3.2	-19			CWG
147	APG-1103A-SU-23-07	12/11/2009	13	2331	7	230	0.3	58.3	1.75	58	4.9	-2			CWG
148	APG-1103A-SU-23-08	12/11/2009	13	2331	3	249	0.3	58.3	0.75	62	1.5	12			CWG
149	APG-1103A-SU-23-09	12/11/2009	13	2331	3	243	0.3	58.3	0.75	61	1.5	7			CWG
150	APG-1103A-SU-23-10	12/11/2009	13	2331	1	219	0.3	58.3	0.25	55	-0.3	-10			CWG
151	APG-1103A-SU-23-11	12/15/2009	3	2352	0	235	0.1	58.8	0.00	59	-0.3	0			CWG
152	APG-1103A-SU-23-12	12/15/2009	3	2352	2	242	0.1	58.8	0.50	61	1.5	5			CWG
153	APG-1103A-SU-23-13	12/15/2009	3	2352	2	226	0.1	58.8	0.50	57	1.5	-7			CWG
154	APG-1103A-SU-23-14	12/15/2009	3	2352	1	203	0.1	58.8	0.25	51	0.6	-24			CWG
155	APG-1103A-SU-23-15	12/15/2009	3	2352	1	228	0.1	58.8	0.25	57	0.6	-5			CWG
156	APG-1103A-SU-23-16	12/15/2009	3	2352	2	239	0.1	58.8	0.50	60	1.5	3			CWG
157	APG-1103A-SU-23-17	12/15/2009	3	2352	1	222	0.1	58.8	0.25	56	0.6	-10			CWG
158	APG-1103A-SU-23-18	12/15/2009	3	2352	3	222	0.1	58.8	0.75	56	2.3	-10			CWG
159	APG-1103A-SU-23-19	12/15/2009	3	2352	2	243	0.1	58.8	0.50	61	1.5	6			CWG
160	APG-1103A-SU-23-20	12/15/2009	3	2352	2	217	0.1	58.8	0.50	54	1.5	-14			CWG
161	APG-1103A-SU-23-21	12/15/2009	3	2352	0	258	0.1	58.8	0.00	65	-0.3	17			CWG
274	APG-1103A-SU-24-01	12/17/2009	6	2338	0	226	0.2	58.5	0.00	57	-0.5	-6			CWG
275	APG-1103A-SU-24-02	12/17/2009	6	2338	0	236	0.2	58.5	0.00	59	-0.5	2			CWG
276	APG-1103A-SU-24-03	12/17/2009	6	2338	0	230	0.2	58.5	0.00	58	-0.5	-3			CWG
277	APG-1103A-SU-24-04	12/17/2009	6	2338	1	218	0.2	58.5	0.25	55	0.3	-12			CWG
278	APG-1103A-SU-24-05	12/17/2009	6	2338	0	236	0.2	58.5	0.00	59	-0.5	2			CWG
279	APG-1103A-SU-24-06	12/17/2009	6	2338	2	225	0.2	58.5	0.50	56	1.2	-7			CWG
280	APG-1103A-SU-24-07	12/17/2009	6	2338	0	246	0.2	58.5	0.00	62	-0.5	9			CWG
281	APG-1103A-SU-24-08	12/17/2009	6	2338	1	230	0.2	58.5	0.25	58	0.3	-3			CWG
282	APG-1103A-SU-24-09	12/17/2009	6	2338	0	227	0.2	58.5	0.00	57	-0.5	-5			CWG
283	APG-1103A-SU-24-10	12/17/2009	6	2338	1	206	0.2	58.5	0.25	52	0.3	-21			CWG
284	APG-1103A-SU-24-11	12/17/2009	6	2338	2	228	0.2	58.5	0.50	57	1.2	-4			CWG
285	APG-1103A-SU-24-12	12/17/2009	6	2338	0	224	0.2	58.5	0.00	56	-0.5	-7			CWG
286	APG-1103A-SU-24-13	12/17/2009	6	2338	0	223	0.2	58.5	0.00	56	-0.5	-8			CWG

Aberdeen Proving Ground - Building 1103A Final Status Survey Results

Ludlum 2929	SN 196230	Cal Due 11/25/10
α eff		β eff
0.2905		0.3364

Sample Count Time (min)	Daily Bkg Count Time (min)
4.0	40.0

dpm/100 cm ²
α Flag β Flag
10 100

seq. #	Sample ID#	Date	Background Total Counts*		Sample Total Counts		Background (cpm)		Sample Counts (cpm)		Sample (dpm/100 cm ²)		> α flag	> β flag	Tech. Initial
			α	β	α	β	α	β	α	β	α	β	FLAG	FLAG	
287	APG-1103A-SU-24-14	12/17/2009	6	2338	1	225	0.2	58.5	0.25	56	0.3	-7			CWG
288	APG-1103A-SU-24-15	12/17/2009	6	2338	0	222	0.2	58.5	0.00	56	-0.5	-9			CWG
289	APG-1103A-SU-24-16	12/17/2009	6	2338	0	252	0.2	58.5	0.00	63	-0.5	14			CWG
290	APG-1103A-SU-24-17	12/17/2009	6	2338	1	255	0.2	58.5	0.25	64	0.3	16			CWG
291	APG-1103A-SU-24-18	12/17/2009	6	2338	2	269	0.2	58.5	0.50	67	1.2	26			CWG
292	APG-1103A-SU-24-19	12/17/2009	6	2338	0	217	0.2	58.5	0.00	54	-0.5	-12			CWG
293	APG-1103A-SU-24-20	12/17/2009	6	2338	0	241	0.2	58.5	0.00	60	-0.5	5			CWG
294	APG-1103A-SU-25-01	12/17/2009	6	2338	0	256	0.2	58.5	0.00	64	-0.5	16			CWG
295	APG-1103A-SU-25-02	12/17/2009	6	2338	1	200	0.2	58.5	0.25	50	0.3	-25			CWG
296	APG-1103A-SU-25-03	12/17/2009	6	2338	3	216	0.2	58.5	0.75	54	2.1	-13			CWG
297	APG-1103A-SU-25-04	12/17/2009	6	2338	1	245	0.2	58.5	0.25	61	0.3	8			CWG
298	APG-1103A-SU-25-05	12/17/2009	6	2338	1	224	0.2	58.5	0.25	56	0.3	-7			CWG
299	APG-1103A-SU-25-06	12/17/2009	6	2338	1	245	0.2	58.5	0.25	61	0.3	8			CWG
300	APG-1103A-SU-25-07	12/17/2009	6	2338	0	235	0.2	58.5	0.00	59	-0.5	1			CWG
301	APG-1103A-SU-25-08	12/17/2009	6	2338	1	219	0.2	58.5	0.25	55	0.3	-11			CWG
302	APG-1103A-SU-25-09	12/17/2009	6	2338	1	223	0.2	58.5	0.25	56	0.3	-8			CWG
303	APG-1103A-SU-25-10	12/17/2009	6	2338	0	220	0.2	58.5	0.00	55	-0.5	-10			CWG
304	APG-1103A-SU-25-11	12/17/2009	6	2338	0	247	0.2	58.5	0.00	62	-0.5	10			CWG
305	APG-1103A-SU-25-12	12/17/2009	6	2338	1	231	0.2	58.5	0.25	58	0.3	-2			CWG
306	APG-1103A-SU-25-13	12/17/2009	6	2338	2	222	0.2	58.5	0.50	56	1.2	-9			CWG
307	APG-1103A-SU-25-14	12/17/2009	6	2338	1	245	0.2	58.5	0.25	61	0.3	8			CWG
308	APG-1103A-SU-25-15	12/17/2009	6	2338	1	223	0.2	58.5	0.25	56	0.3	-8			CWG
309	APG-1103A-SU-25-16	12/17/2009	6	2338	1	206	0.2	58.5	0.25	52	0.3	-21			CWG
310	APG-1103A-SU-25-17	12/17/2009	6	2338	1	257	0.2	58.5	0.25	64	0.3	17			CWG
311	APG-1103A-SU-25-18	12/17/2009	6	2338	0	237	0.2	58.5	0.00	59	-0.5	2			CWG
312	APG-1103A-SU-25-19	12/17/2009	6	2338	2	242	0.2	58.5	0.50	61	1.2	6			CWG
313	APG-1103A-SU-25-20	12/17/2009	6	2338	1	250	0.2	58.5	0.25	63	0.3	12			CWG
314	APG-1103A-SU-25-21	12/17/2009	6	2338	2	212	0.2	58.5	0.50	53	1.2	-16			CWG
315	APG-1103A-SU-27-15	12/7/2009	9	2547	0	219	0.2	63.7	0.00	55	-0.8	-27			CWG
316	APG-1103A-SU-27-16	12/7/2009	9	2547	1	244	0.2	63.7	0.25	61	0.1	-8			CWG
317	APG-1103A-SU-27-17	12/7/2009	9	2547	3	236	0.2	63.7	0.75	59	1.8	-14			CWG
318	APG-1103A-SU-27-18	12/7/2009	9	2547	1	230	0.2	63.7	0.25	58	0.1	-18			CWG
319	APG-1103A-SU-27-19	12/7/2009	9	2547	3	254	0.2	63.7	0.75	64	1.8	-1			CWG
320	APG-1103A-SU-27-20	12/7/2009	9	2547	0	214	0.2	63.7	0.00	54	-0.8	-30			CWG
321	APG-1103A-SU-27-21	12/7/2009	9	2547	1	264	0.2	63.7	0.25	66	0.1	7			CWG
322	APG-1103A-SU-27-22	12/7/2009	9	2547	2	265	0.2	63.7	0.50	66	0.9	8			CWG
	APG-1103A-SU-27-23	12/7/2009	9	2547	3	226	0.2	63.7	0.75	57	1.8	-21			CWG

Aberdeen Proving Ground - Building 1103A Final Status Survey Results

Ludlum 2929	SN 196230	Cal Due 11/25/10
α eff		β eff
0.2905		0.3364

Sample Count Time (min)	Daily Bkg Count Time (min)
4.0	40.0

dpm/100 cm ²
α Flag β Flag
10 100

seq. #	Sample ID#	Date	Background Total Counts*		Sample Total Counts		Background (cpm)		Sample Counts (cpm)		Sample (dpm/100 cm ²)		> α flag	> β flag	Tech. Initial
			α	β	α	β	α	β	α	β	α	β	FLAG	FLAG	
323	APG-1103A-SU-27-24	12/7/2009	9	2547	1	246	0.2	63.7	0.25	62	0.1	-6			CWG
	APG-1103A-SU-27-25	12/7/2009	9	2547	4	238	0.2	63.7	1.00	60	2.7	-12			CWG
324	APG-1103A-SU-27-26	12/7/2009	9	2547	2	223	0.2	63.7	0.50	56	0.9	-24			CWG
325	APG-1103A-SU-27-27	12/7/2009	9	2547	1	239	0.2	63.7	0.25	60	0.1	-12			CWG
326	APG-1103A-SU-27-28	12/7/2009	9	2547	4	215	0.2	63.7	1.00	54	2.7	-30			CWG
1	APG-1100E-SU-28-01	12/7/2009	9	2547	1	241	0.2	63.7	0.25	60	0.1	-10			CWG
2	APG-1100E-SU-28-02	12/7/2009	9	2547	1	248	0.2	63.7	0.25	62	0.1	-5			CWG
3	APG-1100E-SU-28-03	12/7/2009	9	2547	2	241	0.2	63.7	0.50	60	0.9	-10			CWG
4	APG-1100E-SU-28-04	12/7/2009	9	2547	1	242	0.2	63.7	0.25	61	0.1	-9			CWG
5	APG-1100E-SU-28-05	12/7/2009	9	2547	0	270	0.2	63.7	0.00	68	-0.8	11			CWG
6	APG-1100E-SU-28-06	12/7/2009	9	2547	3	252	0.2	63.7	0.75	63	1.8	-2			CWG
7	APG-1100E-SU-28-07	12/7/2009	9	2547	1	241	0.2	63.7	0.25	60	0.1	-10			CWG
8	APG-1100E-SU-28-08	12/7/2009	9	2547	1	225	0.2	63.7	0.25	56	0.1	-22			CWG
9	APG-1100E-SU-28-09	12/7/2009	9	2547	2	252	0.2	63.7	0.50	63	0.9	-2			CWG
10	APG-1100E-SU-28-10	12/7/2009	9	2547	2	232	0.2	63.7	0.50	58	0.9	-17			CWG
11	APG-1100E-SU-28-11	12/7/2009	9	2547	2	254	0.2	63.7	0.50	64	0.9	-1			CWG
12	APG-1100E-SU-28-12	12/7/2009	9	2547	1	251	0.2	63.7	0.25	63	0.1	-3			CWG
13	APG-1100E-SU-28-13	12/7/2009	9	2547	1	236	0.2	63.7	0.25	59	0.1	-14			CWG
14	APG-1100E-SU-28-14	12/7/2009	9	2547	2	223	0.2	63.7	0.50	56	0.9	-24			CWG
15	APG-1100E-SU-28-15	12/7/2009	9	2547	3	222	0.2	63.7	0.75	56	1.8	-24			CWG
16	APG-1100E-SU-28-16	12/7/2009	9	2547	1	231	0.2	63.7	0.25	58	0.1	-18			CWG
17	APG-1100E-SU-28-18	12/7/2009	9	2547	0	247	0.2	63.7	0.00	62	-0.8	-6			CWG
18	APG-1100E-SU-28-19	12/7/2009	9	2547	4	226	0.2	63.7	1.00	57	2.7	-21			CWG

Aberdeen Proving Ground - Building 1103A Final Status Survey Results

Ludlum 2929 SN 196226 Cal Due 09/15/10	
α eff	β eff
0.3657	0.1775

Sample Count Time (min)	Daily Bkg Count Time (min)
4.0	10.0

seq. #	Sample ID#	Date	Background Total Counts*		Sample Total Counts		Background (cpm)		Sample Counts (cpm)		Sample (dpm/100 cm ²)		dpm/100 cm ²		Tech. Initial
													α Flag	β Flag	
			α	β	α	β	α	β	α	β	α	β	10	100	
													> α flag	> β flag	
													FLAG	FLAG	
1	19A-7 NORTH VAULT INTERIOR	10/5/2009	1	436	1	167	0.1	43.6	0.25	42	0.4	-10			JF
2	19A-8	10/5/2009	1	436	2	60	0.1	43.6	0.50	15	1.1	-161			JF
3	19A-9	10/5/2009	1	436	3	160	0.1	43.6	0.75	40	1.8	-20			JF
4	19A-10	10/5/2009	1	436	2	197	0.1	43.6	0.50	49	1.1	32			JF
5	19A-11	10/5/2009	1	436	0	192	0.1	43.6	0.00	48	-0.3	25			JF
6	19A-12	10/5/2009	1	436	1	138	0.1	43.6	0.25	35	0.4	-51			JF
7	19A-13	10/5/2009	1	436	1	155	0.1	43.6	0.25	39	0.4	-27			JF
8	19A-18	10/5/2009	1	436	2	207	0.1	43.6	0.50	52	1.1	46			JF
9	19A-14	10/5/2009	1	436	1	164	0.1	43.6	0.25	41	0.4	-15			JF
10	19A-15	10/5/2009	1	436	1	185	0.1	43.6	0.25	46	0.4	15			JF
11	19A-16	10/5/2009	1	436	0	201	0.1	43.6	0.00	50	-0.3	37			JF
12	19A-17	10/5/2009	1	436	0	169	0.1	43.6	0.00	42	-0.3	-8			JF
13	19A-18	10/5/2009	1	436	2	187	0.1	43.6	0.50	47	1.1	18			JF
14	19A-19	10/5/2009	1	436	1	168	0.1	43.6	0.25	42	0.4	-9			JF
15	19A-20	10/5/2009	1	436	1	178	0.1	43.6	0.25	45	0.4	5			JF
16	19A-1	10/5/2009	1	436	0	174	0.1	43.6	0.00	44	-0.3	-1			JF
17	19A-2	10/5/2009	1	436	1	169	0.1	43.6	0.25	42	0.4	-8			JF
18	19A-3	10/5/2009	1	436	0	156	0.1	43.6	0.00	39	-0.3	-26			JF
19	19A-4	10/5/2009	1	436	1	187	0.1	43.6	0.25	47	0.4	18			JF
20	19A-5	10/5/2009	1	436	2	175	0.1	43.6	0.50	44	1.1	1			JF
21	19A-6	10/5/2009	1	436	2	165	0.1	43.6	0.50	41	1.1	-13			JF