



Weekly Radiological Screening Report For the Hertel Brownfields Remediation Project Located at 350 Hertel Ave., Buffalo, NY 14207 Week Ending - Friday, August 5, 2022

INTRODUCTION

Austin Master Services (AMS) performed radiological screening during the Hertel Brownfields Remediation Project located at 356 Hertel Ave., Buffalo, NY 14207. A Brownfields remediation project has been approved by the New York State Department of Environmental Conservation (NYSDEC) at: two contiguous tax parcels in Buffalo New York. The specific locations are as follows:

- 356 Hertel Avenue: SBL No. 77.74-4-22, 1.94 acres
- 42 Foundry Street: SBL No. 77.74-4-21, 1.05 acres

The site is known to be contaminated with SVOCs, metals, PCBs, and pesticides. As a precautionary measure the remediation contractor has agreed to perform limited surveillance for radioactive materials. After discussions between the remediation contractor (AMS) and NYSDEC a surveillance protocol that allows gamma count rate scanning of excavated materials; this protocol includes collection of background data and establishment of an **Action Level** at 1.5 times the background mean count rate. Radiological screening was conducted in accordance with the Gross Gamma Screening Standard Operating Procedure AMS-FI-017B Soil Gamma Screening for Hertel and Foundry Brownfields Remediation Project Final Rev 1, dated July 27, 2022. The purpose of the radiological screening is to verify that radioactive material is not present in the material being disposed off-site.

Excavated soils are being screened using a Ludlum Model 2221 Scaler/Ratemeter coupled to a Ludlum 44-10 2-inch by 2-inch sodium iodide (2x2 NaI) detector or equivalent. Radiological survey instrumentation is calibrated in accordance with the manufacturer's specifications and ANSI Z540-1. Additionally, prior to use, instrumentation is response checked with a known and appropriate source of radioactive material for the measurement of radioactivity that is being performed. For ease of surveys for the HP technician onsite, the most conservative background action level is being used for the screening of soils regardless of the survey geometry. At this point in the screening process based on the data it appears that the daily background action level obtained from an elevated excavator bucket is most conservative, and at no time will a less conservative background be administered without consultation with the AMS Project RSO or Austin Master Services CHP.

PROJECT ACTIVITIES

On Thursday, August 4, 2022 soil excavation and off-site disposal commenced and continued throughout the week ending Friday, August 5, 2022 within the 356 Hertel Ave. project site. Radiological screening was conducted in accordance with the Gross Gamma Screening Standard Operating Procedure AMS-FI-017B Soil Gamma Screening for Hertel and Foundry Brownfields Remediation Project Final Rev 1, dated July 27, 2022. AMS established initial backgrounds and action levels on an excavator bucket (1.5 x's the average of 10 one-minute static readings) at the Hertel Ave. project site on 7-18-2022 (BKG-001 - average – 8,440 cpm, with an action level of - 12,659 cpm). AMS will be utilizing the action level of 12,659 cpm that was generated at the Hertel site throughout the soil screening activities.

AMS health physics technician also performed gamma walkover surveys of the excavation and the stockpiled soils periodically during remedial activities. No radioactive materials were detected above the established action of 12,659 cpm during the walkover surveys.

Site- and instrument-specific background was checked daily as described above. All work and radiological screening during this week ending period were performed within the 356 Hertel Ave. project site.

RADIOLOGICAL SCREENING RESULTS/INSTRUMENTATION/INITIAL BACKGROUNDS

Radiological Screening Results conducted in week ending Friday, August 5, 2022 are summarized in Attachment 1, Daily QC Instrumentation background and source response checks are listed in Attachment 2, and the Instrumentation Calibration Certificate are listed in Attachment 3.

No radioactive materials were detected above the established action level of 12,659 cpm during this monitoring period.

Patrick S. Horkman

Patrick S Horkman

Field Services Manager/Project Manager

Austin Master Services, LLC

Attachment 1 – Radiological Screening Results

Attachment 2 – Daily QA Instrumentation Response Checks

 $Attachment \ 3-Instrumentation \ Calibration \ Cert.$

Attachment 4 - Photos

ATTACHMENT 1 Radiological Screening Results Week Ending - Friday, August 5, 2022





Excavator Bucket Radiological Screening Log Benchmark/Turnkey

For the Hertel Brownfields Remediation Project Located at 356 Hertel Ave., Buffalo, NY 14207

Date: August 4, 2022

 Instr: L-2221, # 115157
 Ave. Bkg: 8,439.5 cpm

 Detector: 44-10, # PR090262
 1.5 x's Ave. Bkg: 12,659 cpm

 Cal. Due: 4-Oct-2022
 Action Level: 12,659 cpm

	Scanning Results					
GAMMA Scan #	Time	2x2 Bucket Readings (CPM)	Was Slag Material Visually Identified (Yes/No)	Comments		
1	636	7953	n	90% dirt 10% debris		
2	639	8135	n	80% dirt 20% debris		
3	643	8297	n	80% dirt 20% debris		
4	645	8126	n	100% dirt		
5	650	7829	n	80% dirt 20% debris		
6	654	8217	n	80% dirt 20% debris		
7	659	8528	у	90% dirt 10% debris		
8	700	8253	n	90% dirt 10% debris		
9	705	8749	n	100% dirt		
10	706	8254	n	80% dirt 20% debris		
11	712	8422	n	100% dirt		
12	713	8601	n	100% dirt		
13	719	8611	n	80% dirt 20% debris		
14	721	9123	n	90% dirt 10% debris		
15	726	8852	n	85% dirt 15% debris		
16	728	9106	n	90% dirt 10% debris		
17	731	8734	n	90% dirt 10% debris		
18	733	8463	n	80% dirt 20% debris		
19	754	8958	n	95% dirt 5% debris		
20	758	8956	n	100% dirt		

NOTE: GAMMA # scan represents 1 out of every 5 bucket loads at a minimum

Print Name: Andrew Chawluk

Signature:	Andrew Chawluk	Date: 8/4/22

Excavator Bucket Radiological Screening Log Benchmark/Turnkey

For the Hertel Brownfields Remediation Project Located at 356 Hertel Ave., Buffalo, NY 14207

Scanning Results					
GAMMA Scan #	Time	2x2 Bucket Readings (CPM)	Was Slag Material Visually Identified (Yes/No)	Comments	
21	801	9080	n	100% dirt	
22	802	9057	n	80% dirt 20% debris	
23	808	8824	n	100% dirt	
24	810	8741	n	100% dirt	
25	815	8673	n	100% dirt	
26	817	8990	n	90% dirt 10% debris	
27	820	8553	n	80% dirt 20% debris	
28	822	9132	n	85% dirt 15% debris (red fire brick)	
29	826	10480	n	100% dirt	
30	828	8742	n	100% dirt	
31	831	8492	n	100% dirt	
32	840	8236	n	95% dirt 5% debris	
33	846	8276	n	90% dirt 5% debris	
34	849	9508	n	95% dirt 5% debris	
35	856	9713	у	100% dirt	
36	901	9111	n	100% dirt	
37	905	9351	n	95% dirt 5% debris	
38	907	9404	n	90% dirt 10% debris	
39	912	8518	n	85% dirt 15% debris	
40	914	8974	n	85% dirt 15% debris	
41	919	9140	n	80% dirt 20% debris	
42	921	9110	n	90% dirt 10% debris	
43	925	8751	n	95% dirt 5% debris	
44	927	8901	n	100% dirt	
45	931	9572	n	95% dirt 5% debris	
46	933	8690	n	80% dirt 20% debris	
47	937	9045	у	90% dirt 10% debris	
48	938	8886	n	90% dirt 10% debris	
49	954	9875	n n	90% dirt 10% debris	
50	955	8801	n	90% dirt 10% debris	
51	1000	8635	n	85% dirt 15% debris	
52	1001	8989	n	75% dirt 25% debris	
53	1005	8741	n	85% dirt 15% debris	
54	1007	9058	n	85% dirt 15% debris	

Excavator Bucket Radiological Screening Log Benchmark/Turnkey

For the Hertel Brownfields Remediation Project Located at 356 Hertel Ave., Buffalo, NY 14207

	Scanning Results				
GAMMA Scan #	Time	2x2 Bucket Readings (CPM)	Was Slag Material Visually Identified (Yes/No)	Comments	
55	1017	9941	n	80% dirt 20% debris	
56	1019	9048	n	100% dirt	
57	1023	8539	n	75% dirt 25% debris	
58	1024	8893	n	80% dirt 20% debris	
59	1028	9840	n	80% dirt 20% debris	
60	1030	9815	n	95% dirt 5% debris	
61	1033	9363	n	90% dirt 10% debris	
62	1035	8360	n	100% dirt	
63	1040	8794	n	100% dirt	
64	1041	9278	n	85% dirt 15% debris	
65	1045	9235	n	95% dirt 5% debris (red fire brick)	
66	1105	9631	n	85% dirt 15% debris	
67	1109	8675	n	80% dirt 20% debris	
68	1112	9421	n	90% dirt 10% debris	
69	1118	9038	n	100% dirt	
70	1131	10187	у	80% dirt 20% debris	
71	1133	9591	n	90% dirt 10% debris	
72	1138	9281	n	90% dirt 10% debris	
73	1141	9668	n	80% dirt 20% debris	
74	1146	9476	n	90% dirt 10% debris	
75	1150	9321	n	95% dirt 5% debris	
76	1154	9322	n	95% dirt 5% debris	
77	1159	8840	n	95% dirt 5% debris	
78	1216	9163	n	100% dirt	
79	1220	8832	n	90% dirt 10% debrtis	
80	1225	9333	n	80% dirt 20% debris	
81	1229	10078	n	95% dirt 5% debris	
82	1230	9930	n	100% dirt	
83	1243	9881	n	90% dirt 10% debris	
84	1245	9677	n	95% dirt 5% debris	
85	1250	10556	n	75% dirt 25% debris	
86	1254	9412	n	80% dirt 20% debris (red fire brick)	
87	1256	10174	n	90% dirt 10% debris	
88	103	9233	n	95% dirt 5% debris	

Excavator Bucket Radiological Screening Log Benchmark/Turnkey

For the Hertel Brownfields Remediation Project Located at 356 Hertel Ave., Buffalo, NY 14207

	Scanning Results					
GAMMA Scan #	Time	2x2 Bucket Readings (CPM)	Was Slag Material Visually Identified (Yes/No)	Comments		
89	107	9224	n	80% dirt 20% debris		
90	108	9113	n	90% dirt 10% debris		
91	118	8474	n	95% dirt 5% debris		
92	122	10047	n	80% dirt 20% debris		
93	127	8873	n	90% dirt 10% debris		
94	131	9513	n	80% dirt 20% debris		
95	135	9262	n	95% dirt 5% debris		
96	145	8522	n	90% dirt 10% debris		
97	149	9422	n	75% dirt 25% debris (red fire brick)		
98	152	9643	n	90% dirt 10% debris		
99	205	9630	n	75% dirt 25% debris		
100	209	11341	n	100% dirt		
101	211	10087	n	90% dirt 10% debris		
102	224	9211	n	90% dirt 10% debris		
103	227	9175	n	100% dirt		
104	229	9645	n	85% dirt 15% debris		
105	234	9085	n	100% dirt		
106	239	9773	n	80% dirt 20% debris		
107	243	10024	n	95% dirt 5% debris		
108	246	9661	n	100% dirt		
109	251	9906	n	90% dirt 10% debris		
110	258	8926	n	100% dirt		
111	301	9155	n	90% dirt 10% debris		
112						
113		<u> </u>				
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116			N A			
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Excavator Bucket Radiological Screening Log Benchmark/Turnkey

For the Hertel Brownfields Remediation Project Located at 356 Hertel Ave., Buffalo, NY 14207

Date: Aug 5, 2022

 Instr: L-2221, # 115157
 Ave. Bkg: 8,439.5 cpm

 Detector: 44-10, # PR090262
 1.5 x's Ave. Bkg: 12,659 cpm

 Cal. Due: 4-Oct-2022
 Action Level: 12,659 cpm

Consulto Basulto						
	Scanning Results					
		2x2 Bucket	Was Slag Material			
GAMMA Scan		Readings	Visually Identified			
#	Time	(CPM)	(Yes/No)	Comments		
1	630	9248	n	90% dirt 10% debris		
2	634	9075	n	95% dirt 5% debris (red fire brick)		
3	636	8922	n	100% dirt		
4	640	8824	n	95% dirt 5% debris		
5	645	9300	n	95% dirt 5% debris		
6	649	9097	n	90% dirt 10% debris		
7	654	9215	n	95% dirt 5% debris		
8	658	8863	n	90% dirt 10% debris		
9	703	9882	n	100% dirt		
10	707	8771	n	95% dirt 5% debris		
11	740	9236	n	85% dirt 15% debris		
12	744	9505	n	90% dirt 10 % debris		
13	748	9490	n	100% dirt		
14	749	9292	n	100% dirt		
15	754	9442	n	5% dirt 5% debris		
16	758	9574	n	95% dirt 5% debris		
17	802	9700	n	90% dirt 10% debris (red fire brick)		
18	807	9933	n	100% dirt		
19	812	8917	n	85% dirt 15% debris		
20	826	8688	n	90% dirt 10% debris		

NOTE: GAMMA # scan represents 1 out of every 5 bucket loads at a minimum

Print Name: Andrew Chawluk

Signature:	Andrew Chawliek	Date: 8/5/22

Excavator Bucket Radiological Screening Log Benchmark/Turnkey

For the Hertel Brownfields Remediation Project Located at 356 Hertel Ave., Buffalo, NY 14207

	Scanning Results				
GAMMA Scan		2x2 Bucket Readings	Was Slag Material Visually Identified	_	
#	Time	(CPM)	(Yes/No)	Comments	
21	835	9996	n	90% dirt 10% debris	
22	852	9087	n	80% dirt 20% debris	
23	921	9872	n	85% dirt 15% debris	
24	927	8742	n	90% dirt 10% debris	
25	929	9480	n	85% dirt 15% debris	
26	935	9562	n	95% dirt 5% debris	
27	940	9541	n	100% dirt	
28	948	9654	n	100% dirt	
29	950	9394	n	100% dirt	
30	955	10109	n	100% dirt	
31	958	9596	n	95% dirt 5% debris	
32	1000	10498	n	90% dirt 10% debris	
33	1006	9979	n	95% dirt 5% debris	
34	1010	8810	n	85% dirt 15% debris	
35	1012	8708	n	100% dirt	
36	1028	9025	n	80% dirt 20% debris	
37	1032	9399	n	100% dirt	
38	1034	10723	n	85% dirt 15% debris (red fire brick)	
39	1059	9008	n	75% dirt 25% debris	
40	1104	9282	n	75% dirt 25% debris	
41	1109	10056	n	70% dirt 30% debris	
42	1122	9938	n	75% dirt 25% debris	
43	1124	9314	n	85% dirt 15% debris	
44	1130	9397	n	90% dirt 10% debris	
45	1137	9216	n	85% dirt 15% debris	
46	1146	8562	n	85% dirt 15% debris	
47	1150	10252	n	75% dirt 25% debris	
48	1155	8832	n	95% dirt 5% debris	
49	1207	8941	n	90% dirt 10% debris	
50	1215	9054		90% dirt 10% debris	
			n		
51	1224	9000	n	95% dirt 5% debris	
52	1129	9321	n	90% dirt 10% debris	
53	1136	9772	n	85% dirt 15% debris	
54	1241	9505	n	100% dirt	

Excavator Bucket Radiological Screening Log Benchmark/Turnkey

For the Hertel Brownfields Remediation Project Located at 356 Hertel Ave., Buffalo, NY 14207

	Scanning Results				
GAMMA Scan		2x2 Bucket Readings	Was Slag Material Visually Identified		
#	Time	(CPM)	(Yes/No)	Comments	
55	1258	9021	n	100% dirt	
56	107	9250	n	80% dirt 20% debris	
57	112	9830	n	95% dirt 5% debris (red fire brick)	
58	113	9294	n	75% dirt 25% debris	
59	118	9238	n	100% dirt	
60	137	10113	n	70% dirt 30% debris	
61	141	9153	n	85% dirt 15% debris	
62	147	8460	n	95% dirt 5% debris	
63	151	9499	n	100% dirt	
64	216	8521	n	90% dirt 10% debris	
65	220	8899	n	100% dirt	
66	225	9020	n	95% dirt 5% debris	
67	230	9617	n	85% dirt 15% debris	
68	235	9495	n	85% dirt 15% debris	
69	246	9218	n	100% dirt	
70	253	9818	n	95% dirt 5% debris	
71	258	8981	n	100% dirt	
72					
73					
74					
75					
76					
77					
78					
79					
80			N	A	
81					
82					
83					
84					
85					
86					
87					
88					

ATTACHMENT 2 Daily QA Instrumentation Response Checks August 4, 2022 – August 5, 2022

Inst.# 115157/PR090262						
QC Daily Source						
Date	Result (cpm)	P/F				
7/18/2022	7432	Pass				
8/4/2022	7429	Pass				
8/5/2022	7518	Pass				

Inst.# 115	5157/PR090262	Source Ser. #	BKG
Initial So	urce Readings	Nuclide	N/A
Date	Result (cpm)		
7/18/2022	6551		
7/18/2022	7087		
7/18/2022	6488		
7/18/2022	7233		
7/18/2022	7011		
7/18/2022	7020		
7/18/2022	8196		
7/18/2022	6862		
7/18/2022	7250		
7/18/2022	7000		
	Average		
	7070		

Inst.# 115157/PR090262						
QC Daily Source						
Date	Result (cpm)	P/F				
7/18/2022	116535	Pass				
8/4/2022	112503	Pass				
8/5/2022	115852	Pass				

Inst.# 11	5157/PR090262	Source Ser. #	Jul-11
Initial So	urce Readings	Nuclide	Co-60
Date	Result (cpm)		
7/18/2022	116789		
7/18/2022	116028		
7/18/2022	115987		
7/18/2022	116520		
7/18/2022	117003		
7/18/2022	116703		
7/18/2022	116559		
7/18/2022	117131		
7/18/2022	116418		
7/18/2022	116540		
	Average		
	116568		

ATTACHMENT 3 Instrumentation Calibration Certificate



GRIFFIN INSTRUMENTS



CALIBRATION CERTIFICATE FOR 115157 SERIAL# 2221 Owner: AUSTIN MASTER SERVICES **Griffin Inst** DATE: LOCATION: 10/04/21 TECH: 12/30/21 DATE LAST CAL EXPIRES: Joanne Glenn Reason For Calibration: Due For Calibration Repair (See Remarks) O Due and Repair (See Remarks) Other (See Remarks) NIST TRACEABLE EQUIPMENT USED DURING CALIBRATION MODEL: 500-2 SERIAL #: 284951 CAL. DUE: 10/30/21 SERIAL #: MODEL: CAL DUE: ▼ Fast/Slow Switch working properly ▼ Audio Response ▼ Geotropism CABLE LENGTH 39" CONDITION: Worn AF MECHANICAL ZERO: 0 AL MECHANICAL ZERO: Yes No NEW BATTERIES: BATT. CHECK >4.8V: 5.5 V AS FOUND HV **AS LEFT HV** HV (+/-10%)

AF INPUT SENSITIVITY (mV):

600 V:

1200 V:

1800 V:

2 AL INPUT SENSITIVITY (mV):

602

1204 1808

10

A.F.

A.F.

A.F.

RATE METER

SCALER.

SCALE RATE CPM AS FOUND % ERROR AS LEFT % ERROR AS FOUND % ERROR AS LEFT % ERROR

x.1 or x1	100	100	\neg	0.0%	A.F.		WATER THE		Messille
-	250	250		0.0%	A.F.	249	0.4%	A.F.	
	400	400	\neg	0.0%	A.F.	A STATE OF THE STA			571
x1 or	1000	1000	\rightarrow	0.0%	A.F.				
x10	2500	2500	-	0.0%	A.F.	1			
	4000	4000	_	0.0%	A.F.			1	
x10 or	10K	10	Тĸ	0.0%	A.F.				
x100	25K	25		0.0%	A.F.				
-	40K	40	- <u>``</u>	0.0%	A.F.				
x100 or	100K	100	- ;	0.0%	A.F.				
x1000	250K	250	- î	0.0%	A.F.				-1-3
-	400K	400	ĸ	0.0%	A.F.	March 18	WINE I		

Is the As Found Data Within 20% of the Set Point?:

LOG SCALE

SCALE RATE CPM AS FOUND % ERROR AS LEFT % ERROR

100		200		0.0%	A.F.
Log		2000		0.0%	A.F.
-	2000		V	0.0%	A.F.
-	20K	20	2	0.0%	A.F.
	200K	200	K	0.070	1

Is the As Found Data Within 20% of the Set Point?:

Yes
No





GRIFFIN INSTRUMENTS



Owner: AUSTIN MAS	TER SERVICES				
TE: 10/4/21					
		LOCATION	N.	Criffin Inst	
CH: Joanne Glenn			N: ST CAL EXPIRES:	Griffin Inst 12/30/21	
Due For Calibration	Control of the contro				
Repair (See Desertion	Other (See Remark	(S)	Cable Length:	39"	
Repair (See Remarks)	O Due and Repair		I.S.:	10 mV	
NIST 1	RACEABLE EQUIPMENT AN	ID STANDARDS I	JSED DURING CALIBR	RATION	
MODEL: 222		115157		10/4/22	
OURCE #: 99-1816	ISOTOPE: Cs137	ACTIVITY:	1.23 uCi ASSA	Y DATE: 08/12/99	
OMETRY: Jig upside do	own with source underneath,	activity side up	unless noted otherwis	20	
William Propriet	an obligation and an obligation,	donvity side up,	uniess noted other wis		
nysical Condition:	Sat Unsat				
fficiency From Last Cali	bration:	Previous	HV Set Point:	800 V	
Counts (CPM)				330 •	
Counts (CPM)	Background (CPM)	Net CP	·M:		
	6890	9383	3 AF Efficien	cy: 5.60%	
100723	0090				
100723	0090				
Is the AF efficiency with Reproducibility:	in 20% of the efficiency from 100170 102030 s within 10% of the average?	99970 Ave	on?	Yes	
Is the AF efficiency with Reproducibility: Are the individual count	in 20% of the efficiency from 100170 102030 s within 10% of the average?	99970 Ave	on?	3.33	
Is the AF efficiency with Reproducibility: Are the individual count High Voltage:	in 20% of the efficiency from 100170 102030 s within 10% of the average?	99970 Ave	on? erage: 10072 Net CPM:	3.33	
Is the AF efficiency with Reproducibility: Are the individual count High Voltage: 800	in 20% of the efficiency from 100170 102030 s within 10% of the average? cource Response (CPM): 75070	99970 Ave	on?	3.33	
Is the AF efficiency with Reproducibility: Are the individual count High Voltage: 800 850	in 20% of the efficiency from 100170 102030 s within 10% of the average? source Response (CPM): 75070 83160	99970 Ave	Net CPM: 71 10 77520	3.33	
Is the AF efficiency with Reproducibility: Are the individual count High Voltage: 800 850 900	in 20% of the efficiency from 100170 102030 s within 10% of the average? source Response (CPM): B 75070 83160 86710	99970 Ave	Net CPM: 71 10 77520 80270	3.33	
Is the AF efficiency with Reproducibility: Are the individual count High Voltage: 800 850 900 950	in 20% of the efficiency from 100170 102030 s within 10% of the average? source Response (CPM): B 75070 83160 86710 91740	99970 Ave	Net CPM: 71110 77520 80270 84710	3.33	
Is the AF efficiency with Reproducibility: Are the individual count High Voltage: 800 850 900 950 1000	in 20% of the efficiency from 100170 102030 s within 10% of the average? ource Response (CPM): 75070 83160 86710 91740 95010	99970 Ave	Net CPM: 71 10 77520 80270 84710 87620	3.33	
Is the AF efficiency with Reproducibility: Are the individual count High Voltage: 800 850 900 950 1000 1050	in 20% of the efficiency from 100170 102030 s within 10% of the average? Source Response (CPM): 75070 83160 86710 91740 95010 100620	99970 Ave	Net CPM: 71 10 77520 80270 84710 87620 92960	3.33	
Is the AF efficiency with Reproducibility: Are the individual count High Voltage: 800 850 900 950 1000 1050 1100	in 20% of the efficiency from 100170 102030 s within 10% of the average? Source Response (CPM): 75070 83160 86710 91740 95010 100620 100730	99970 Ave	Net CPM: 71 10 77520 80270 84710 87620 92960 93310	3.33	
High Voltage: 800 850 900 950 1000 1050	in 20% of the efficiency from 100170 102030 s within 10% of the average? Source Response (CPM): 75070 83160 86710 91740 95010 100620	99970 Ave	Net CPM: 71 10 77520 80270 84710 87620 92960	3.33	
Is the AF efficiency with Reproducibility: Are the individual count High Voltage: 800 850 900 950 1000 1050 1100	in 20% of the efficiency from 100170 102030 s within 10% of the average? Source Response (CPM): 75070 83160 86710 91740 95010 100620 100730	99970 Ave	Net CPM: 71 10 77520 80270 84710 87620 92960 93310	3.33	
High Voltage: 800 850 900 950 1000 1100	in 20% of the efficiency from 100170 102030 is within 10% of the average? Source Response (CPM): B 75070 83160 86710 91740 95010 100620 100730 103190	99970 Ave	Net CPM: 71 10 77520 80270 84710 87620 92960 93310	3.33	
High Voltage: 800 850 900 950 1000 1150 HV RESP	in 20% of the efficiency from 100170 102030 is within 10% of the average? Source Response (CPM): B 75070 83160 86710 91740 95010 100620 100730 103190	99970 Ave	Net CPM: 71 10 77520 80270 84710 87620 92960 93310	3.33	



ATTACHMENT 4 Photos



