

Radiological Survey Sheet

Job Location Pfizer Inc Groton CT Page 1 of 18
 Survey Purpose DECOMMISSIONING W1127 Date 7/28/00
 Performed By John Purcell (Print) John Purcell (Sign)

Inst.(1) (Model/SN) Beckman LS 6500 #7069448	Inst.(2) (Model/SN) ^{W1127} 2241-2 137751	Inst.(3) (Model/SN)
Det. Internal (Model/SN)	Det. Ludlum 43-68 (Model/SN) #40899	Det. (Model/SN)
Eff. See LSC Printout	Eff. \approx 890 C-114	Eff.
Type rad. β	Type rad. β	Type rad.
Bkgd. See LSC Printout	Bkgd. 280cpm	Bkgd.
Cal. Due: 12/00	Cal. Due 4/28/01	Cal. due

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
1.	12:35	Upper wall	1	See attached LSC Printout
2.		Lower wall	1	
3.		Upper wall	1	
4.		Lower wall	1	
5.		Upper wall	1	
6.		Lower wall	1	
7.		Upper wall	1	
8.		Lower wall	1	
9.		Upper wall	1	
10.		Lower wall	1	
11.		Upper wall	1	
12.		Lower wall	1	
13.		Air Duct	1	
14.		DRAIN	1	
15.		Plastic cover	1	
16.		Floor	1	
17.		Sharps bin	1	
18.		Boxes	1	

Radiological Survey Continuation Sheet

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Date 7/29/00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
19		5 gallon can	1	See attached LSC Printout
20		cell disruptor	1	
21		" "	1	
22		Poloroid land Camera	1	
23		" " "	1	
24		Poloroid land Camera	1	
25		Wall Unit	1	
26		Top Shelf	1	
27		shelf	1	
28		shelf	1	
29		Bottom Shelf	1	
30		Wall Unit	1	
31		Topshelf	1	
32		shelf	1	
33		shelf	1	
34		Wall Unit	1	
35		Topshelf	1	
36		shelf	1	
37		shelf	1	
38		Bottom Shelf	1	
39		Wall	1	
40		Wall	1	
41		Counter	1	
42		Sink	1	
43		Drain	1	
44		cabinet doors	1	
45		cabinet	1	
46		Wall	1	

Radiological Survey Continuation Sheet

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Date 7/28/00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
47		Counter	1	See attached LSC Printout
48		Outer Drawers	1	
49		Top Drawer	1	
50		Drawer	1	
51		Drawer	1	
52		Drawer	1	
53		Wall	1	
54		Counter	1	
55		Counter	1	
56		Wall	1	
57		Drawer	1	
58		Drawer	1	
59		Stool	1	
60		Knee hole	1	
61		Floor	1	
62		"	1	
63		"	1	
64		Floor	1	
65		"	1	
66		"	1	
67		Floor	1	
68		Door	1	
69		Floor	1	
70		"	1	
71		"	1	
72		Floor	1	
73		"	1	
24		Floor	1	

Radiological Survey Continuation Sheet

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Date 7/26/00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
75		① Side Control	1	See attached LSC Printout
76		② Side Controls	1	
77		③ White Box	1	
78		④ wall	1	
79		• Upper Back wall ⑤ wall	1	
80		• Lower Back wall ⑥ Upper Back wall	1	
81		Lower Back wall	1	
82		Cup Sink	1	
83		Over Head Vent	1	
84		Behind Back Panel	1	
85		⑦ Counter	1	
86		⑧ Counter	1	
87		Inner Sash	1	
88		Outer Sash	1	
89		Head Lip	1	
90		⑨ Cabinet doors	1	
91		white tray	1	
92		Cabinet	1	
93		⑩ Cabinet doors	1	
94		metal tray	1	
95		Cabinet	1	
96		Shelf wall	1	
97		Shelf	1	
98		Shelf	1	
99		Shelf	1	
100		Shelf	1	
101		Key Rack	1	
102		Faucet	1	

Radiological Survey Continuation Sheet

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Date 7/26/00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
103		Sink	1	See attached LSC Printout
104		DRAIN	1	
105		Counter	1	
106		Counter	1	
107		Sides of Autoclave	1	
108		Top of Autoclave	1	
109		inner Autoclave	1	
110		Cabinet door	1	
111		cabinet	1	
112		plastic container	1	
113		tray	1	
114		outer drawers	1	
115		Top Drawer	1	
116		Drawer	1	
117		Drawer	1	
118		Drawer	1	
119		side of cabinet	1	
120		Upper wall	1	
121		Lower wall	1	
122		Cart	1	
123		shelf	1	
124		Cup Sink	1	
125		Door	1	
126		wall	1	
127		Floor	1	
128		Floor	1	
129		Floor	1	
130		Floor	1	

Radiological Survey Continuation Sheet

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Date 7/28/00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
131		Floor	1	See attached LSC Printout
132		"	1	
133		Floor	1	
134		"	1	
135		"	1	
136		Floor	1	
137		"	1	
138		"	1	
139		Floor	1	
140		Cabinet End	1	
141		Cabinet Side	1	
142		" "	1	
143		Cabinet End	1	
144		Top Shelf	1	
145		Shelf	1	
146		Shelf	1	
147		shelf	1	
148		Counter	1	
149		Counter	1	
150		Lead sheet	1	
151		" "	1	
152		" "	1	
153		" "	1	
154		" "	1	
155		Lead sheet	1	
156		outer drawers	1	
157		TOP DRAWER	1	
158		DRAWER	1	

Radiological Survey Continuation Sheet

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Date 7/25/00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
159		Top (C) Drawer	1	See attached LSC Printout
160		(C) Drawer	1	
161		Drawer	1	
162		Drawer	1	
163		Outer Cabinet	1	
164		Drawer	1	
165		Top Shelf	1	
166		Shelf	1	
167		Rack	1	
168		Floor	1	
169		Floor	1	
170		Wall	1	
171		Upper Wall	1	
172		Lower Wall	1	
173		Vent	1	
174		Top Shelf	1	
175		Shelf	1	
176		Shelf	1	
177		Shelf Counter	1	
178		Counter	1	
179		Counter	1	
180		Outer Drawers	1	
181		Top Drawer	1	
182		Drawer	1	
183		Drawer	1	
184		Drawer	1	
185		Outer Drawers	1	
186		Top Drawer	1	

Radiological Survey Continuation Sheet

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Date 7/28/00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
187		Drawer	1	See attached LSC Printout
188		Drawer	1	
189		Power Supply	1	
190		Floor	1	
191		"	1	
192		"	1	
193		"	1	
194		Floor	1	
195		"	1	
196		"	1	
197		"	1	
198		"	1	
199		Floor	1	
200		Door	1	
201		Wall	1	
202		Shelf	1	
203		Shelf	1	
204		Wall	1	
205		Cabinet	1	
206		Floor	1	
207		Floor	1	
208		Shelf Top	1	
209		Shelf	1	
210		Shelf Bot	1	
211		Shelf Top	1	
212		Shelf	1	
213		Shelf Bot	1	
214		Wall	1	

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Date 7/28/00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
215		WALL	1	See attached LSC Printout
216		WALL	1	
217		WALL	1	
218		metal shelf	1	
219		upper wall	1	
220		lower wall	1	
221		wall upper	1	
222		lower wall	1	
223		WALL	1	
224		top shelf	1	
225		shelf	1	
226		shelf	1	
227		bottom shelf	1	
228		FRONT OF WALL UNIT	1	
229		top shelf	1	
230		shelf	1	
231		shelf	1	
232		bottom shelf	1	
233		FRONT OF WALL UNIT	1	
234		top shelf	1	
235		shelf	1	
236		shelf	1	
237		bottom shelf	1	
238		top shelf	1	
239		shelf	1	
240		counter	1	
241		outer cabinet	1	
242		left drawer	1	

Radiological Survey Continuation Sheet

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Date 7/25/00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
243		Right Drawer	1	See attached LSC Printout
244		Upper shelf	1	
245		Lower shelf	1	
246		Drawer	1	
247		Outer centrifuge	1	
248		Inner centrifuge	1	
249		counter	1	
250		counter	1	
251		outer drawers	1	
252		Top Left Drawer	1	
253		Drawer	1	
254		Top Right Drawer	1	
255		Drawer	1	
256		Drawer	1	
257		Drawer	1	
258		Bottom Drawer	1	
259		counter	1	
260		counter	1	
261		counter	1	
262		monitor	1	
263		FRONT OF CABINET	1	
264		Top LEFT DRAWER	1	
265		Right Drawer	1	
266		Inside Cabinet	1	
267		side of Cabinet	1	
268		FLOOR	1	
269		FLOOR	1	
270		Wall	1	

Radiological Survey Continuation Sheet

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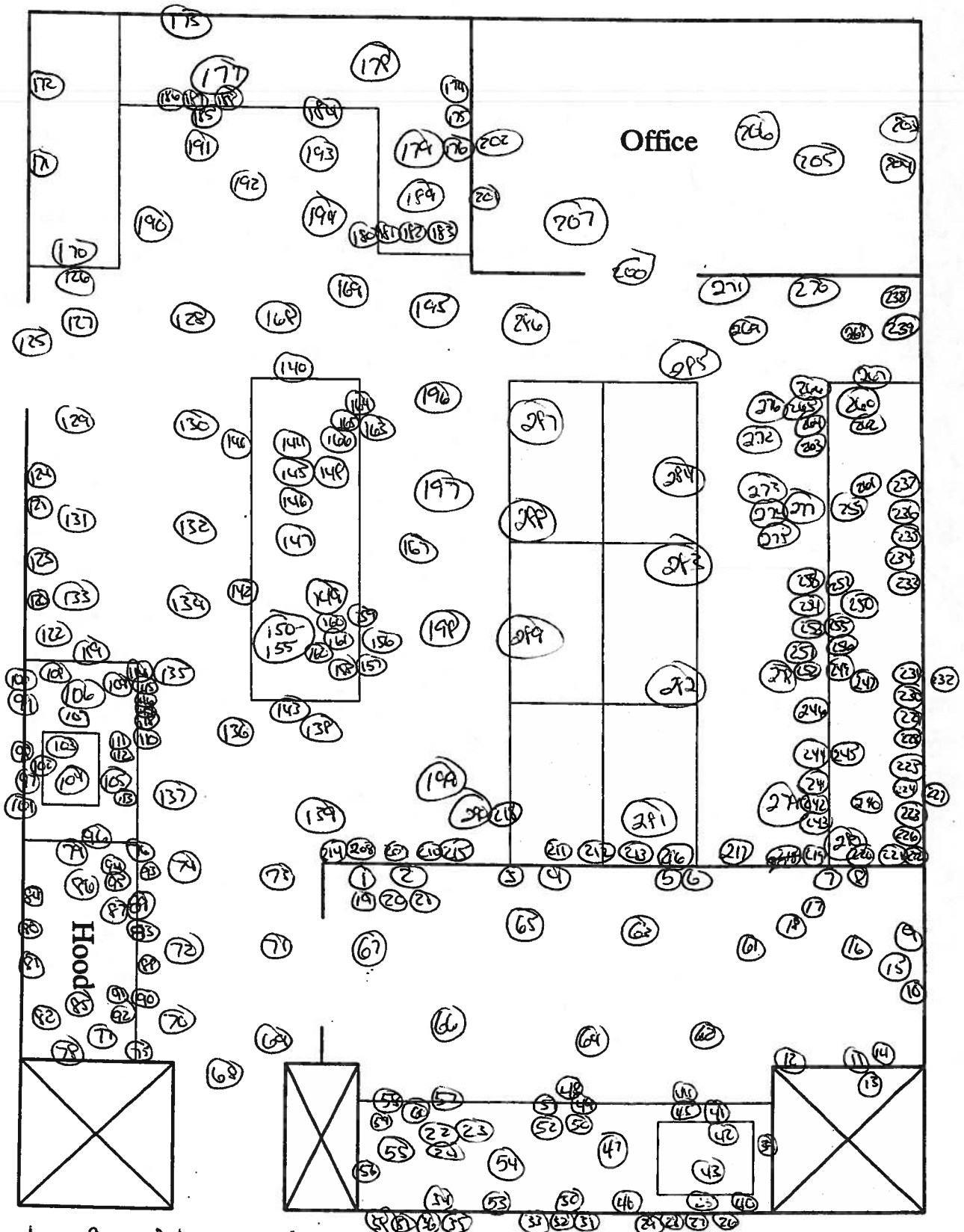
Date 7/28/00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
271		Wall	1	See attached LSC Printout
272		Round Bio Waste Container	1	
273		Round waste container	1	
274		inner waste container	1	
275		• Lid	1	
276		• Floor	1	
277		FLOOR	1	
278		"	1	
279		"	1	
280		FLOOR	1	
281		"	1	
282		FLOOR	1	
283		"	1	
284		"	1	
285		FLOOR	1	
286		"	1	
287		"	1	
288		"	1	
289		FLOOR	1	
290	✓	FLOOR	1	
291			1	
292			1	
293			1	
294			1	
295			1	
296			1	
297			1	
298			1	

Bld. 118W Room W127

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Date: 7/28/00



O = Wipe Location

Surveyed 100% of lower surfaces with instrument #2 All areas were noted to be at normal Background level.

LD EQUIPMENT SURVY
USER: 2 COMMENT:

25 JUL 2000 14:11

PRESET TIME : 1.00
 DATA CALC : DL DPM H# :YES SAMPLE REPEATS: 1 PRINTER :EDIT
 COUNT BLANK : YES ICH# : NO REPLICATES : 1 R5232 :EDIT
 YRD PHASE : NO ADC :YES -CYCLE REPEATS : 1
 SCNTY ILLATOR : LIQUID LUMEX:YES LOW SAMPLE RED: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 3H XERROR: 2.00 FACTOR: 1.000000 BKG. SUB: 0
 ISOTOPE 2: 14C XERROR: 2.00 FACTOR: 1.000000 BKG. SUB: 0
 WIDE OPEN WINDOW XERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: Off
 Quench Limits Low: 2.756 High: 314.54

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
R1	80.0	15.00	8.00	31.00	25.54	10.60	17.92
1	75.3	20.00	10.00	44.00	6.67	6.64	6.84
2	77.1	23.00	4.00	35.00	11.35	-5.45	3.22
3	79.0	19.00	2.00	35.00	7.73	-0.05	4.70
4	76.4	13.00	10.00	25.00	-5.26	2.69	3.55
5	77.0	14.00	8.00	35.00	-2.28	-0.00	4.88
6	78.2	9.00	6.00	27.00	-11.89	0.06	4.87
7	81.3	21.00	3.00	44.00	13.55	-4.11	3.83
8	83.1	18.00	12.00	44.00	4.34	-5.38	4.75
9	78.1	10.00	6.00	25.00	-9.97	0.05	5.83
10	78.1	23.00	6.00	42.00	15.40	-0.10	3.05
11	79.3	17.00	6.00	37.00	8.77	-2.74	4.32
12	75.9	23.00	8.00	43.00	19.06	-0.13	4.13
13	90.2	15.00	11.00	36.00	-0.31	4.11	6.18
14	82.0	16.00	9.00	39.00	1.72	1.35	3.98
15	84.7	20.00	13.00	40.00	8.39	6.73	7.77
16	90.9	14.00	9.00	34.00	-1.24	1.42	3.02
17	77.3	19.00	9.00	34.00	7.01	1.29	5.45
18	81.1	22.00	9.00	46.00	21.40	1.22	12.62
19	87.3	14.00	12.00	41.00	-3.22	5.46	4.12
20	86.8	18.00	9.00	40.00	6.41	1.35	4.61
21	85.4	20.00	10.00	35.00	9.73	2.67	6.67
22	80.6	19.00	6.00	38.00	7.97	-0.04	4.69
23	82.9	11.00	10.00	28.00	-8.65	2.76	16.07
24	79.3	19.00	12.00	38.00	5.78	5.34	5.59
25	81.9	22.00	8.00	39.00	14.14	-0.07	5.93
26	89.4	20.00	4.00	29.00	13.59	-5.43	13.55
27	88.0	14.00	15.00	39.00	-4.67	9.53	6.54
28	82.4	12.00	12.00	37.00	-7.71	3.44	5.98
29	83.8	18.00	16.00	35.00	2.40	10.76	16.99
30	76.9	12.00	7.00	34.00	-6.50	1.38	4.33
31	84.4	14.00	6.00	30.00	-1.99	1.38	2.98
32	79.2	10.00	13.00	43.00	7.23	6.67	7.98
33	84.8	10.00	6.00	26.00	-9.49	0.08	14.86
34	81.7	20.00	9.00	36.00	9.72	1.30	4.82
35	88.6	12.00	13.00	36.00	-6.84	4.13	5.41
36	85.1	21.00	5.00	36.00	13.88	-4.10	9.48
37	80.8	17.00	9.00	37.00	2.50	1.33	3.03
38	88.7	12.00	9.00	35.00	0.54	1.38	2.71

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SAM NO	HR	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	CUMEX %
38	81.1	18.00	7.00	23.00	0.91	-6.72	3.21
39	82.1	18.00	5.00	23.00	8.47	-4.08	3.33
40	83.1	19.00	12.00	31.00	8.79	5.48	3.41
41	84.1	11.00	7.00	18.00	-6.71	-1.27	4.97
42	85.1	9.00	8.00	17.00	-11.80	1.47	13.29
43	86.1	13.00	8.00	21.00	-3.51	0.05	5.79
44	103.4	15.00	9.00	24.00	2.58	1.48	3.89
45	80.5	17.00	14.00	31.00	1.01	8.06	3.58
46	85.1	13.00	7.00	20.00	0.88	-1.33	8.83
47	83.6	17.00	7.00	24.00	4.95	-1.36	7.71
48	81.9	21.00	8.00	29.00	15.64	-4.08	14.21
49	82.3	17.00	10.00	27.00	3.25	2.69	8.53
50	84.7	16.00	7.00	23.00	7.13	-1.36	3.84
51	103.2	12.00	9.00	21.00	-4.03	1.52	7.04
52	86.2	10.00	9.00	19.00	0.25	1.38	5.07
53	119.9	28.00	8.00	36.00	37.79	0.01	8.64
54	110.0	17.00	8.00	25.00	8.84	0.12	5.87
55	79.9	15.00	7.00	22.00	0.49	-1.35	7.53
56	84.4	10.00	10.00	20.00	-10.54	2.78	4.69
57	87.2	21.00	17.00	38.00	10.48	12.12	7.06
58	89.8	13.00	4.00	17.00	3.33	-5.37	8.77
59	83.3	16.00	9.00	25.00	5.89	1.33	6.21
60	94.7	20.00	9.00	29.00	11.93	1.37	3.08
61	91.4	19.00	7.00	26.00	10.30	-1.35	4.19
62	87.3	14.00	11.00	25.00	12.87	-4.08	7.79
63	88.1	15.00	11.00	26.00	14.40	3.25	8.04
64	87.1	15.00	7.00	22.00	7.20	7.19	8.04
65	87.1	18.00	12.00	30.00	-8.01	8.21	3.88
66	87.1	18.00	12.00	30.00	-2.03	5.39	4.10
67	87.1	18.00	11.00	29.00	4.90	5.41	6.35
68	90.0	14.00	11.00	25.00	-2.41	4.13	7.54
69	87.0	17.00	9.00	26.00	4.41	1.36	4.17
70	87.0	12.00	4.00	16.00	-3.17	-5.34	7.68
71	92.8	23.00	14.00	37.00	15.18	8.10	3.54
72	88.9	20.00	6.00	26.00	12.44	-2.72	3.17
73	88.7	26.00	8.00	34.00	11.35	-0.02	4.38
74	85.1	14.00	11.00	25.00	-2.94	4.09	6.27
75	84.4	21.00	9.00	30.00	12.13	1.30	6.44
76	83.9	15.00	8.00	23.00	8.82	-0.02	7.33
77	83.7	19.00	7.00	26.00	2.90	-1.35	5.17
78	87.1	15.00	9.00	24.00	0.35	1.39	5.38
79	83.4	15.00	7.00	22.00	0.92	-1.33	4.35
80	101.8	19.00	9.00	28.00	11.15	1.42	10.81
81	82.6	18.00	11.00	29.00	4.78	4.02	3.78
82	83.7	16.00	11.00	27.00	4.03	4.21	13.89
83	83.8	21.00	8.00	29.00	16.80	-2.70	9.62
84	106.7	12.00	8.00	20.00	3.89	0.13	-5.25
85	81.1	12.00	10.00	22.00	-5.89	2.80	12.48
86	83.3	14.00	10.00	24.00	14.90	9.36	7.41
87	84.0	12.00	18.00	30.00	-3.09	10.87	4.01
88	83.1	11.00	2.00	13.00	2.03	-4.03	12.38
89	81.1	7.00	12.00	19.00	-16.01	12.28	11.89
90	103.1	17.00	11.00	28.00	6.00	4.19	12.33
91	82.3	16.00	9.00	25.00	7.01	-0.00	9.82
92	103.0	12.00	8.00	20.00	15.29	-2.68	13.03
93	84.7	15.00	16.00	31.00	-1.92	9.58	3.18
94	83.0	24.00	12.00	36.00	-2.52	5.43	3.71

SAM NO	HH	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
97	87.8	17.00	10.00	30.00	-4.18	2.77	6.16
98	88.8	12.00	8.00	22.00	-2.68	-6.69	9.97
99	88.7	10.00	8.00	28.00	-9.19	0.10	4.71
100	86.1	15.00	11.00	32.00	-0.81	4.09	3.55
101	83.5	13.00	7.00	33.00	-4.09	1.39	3.14
102	85.7	14.00	3.00	23.00	1.24	-6.72	9.72
103	89.0	22.00	7.00	41.00	18.09	-1.41	3.85
104	87.6	15.00	15.00	48.00	4.88	9.57	3.40
105	86.6	7.00	5.00	24.00	-13.90	-3.93	11.98
106	84.6	22.00	8.00	33.00	15.67	-2.76	5.03
107	81.5	22.00	9.00	42.00	13.56	1.27	4.16
108	89.1	23.00	15.00	46.00	15.95	9.52	9.82
109	89.7	18.00	11.00	40.00	7.45	4.14	3.38
110	84.4	18.00	6.00	32.00	7.91	-2.71	6.69
111	100.8	13.00	4.00	25.00	-0.65	-5.32	13.07
112	86.9	22.00	9.00	40.00	14.57	1.30	5.29
113	88.5	17.00	4.00	27.00	8.97	-5.38	12.25
114	83.0	19.00	7.00	36.00	8.38	-1.39	4.88
115	93.4	10.00	9.00	32.00	-9.36	1.49	3.83
116	82.5	15.00	10.00	33.00	-0.71	2.71	5.56
117	90.1	16.00	9.00	32.00	2.60	1.39	6.18
118	88.5	13.00	10.00	43.00	5.86	2.70	3.94
119	88.0	12.00	13.00	40.00	-7.77	6.84	4.47
120	89.0	9.00	13.00	28.00	-12.18	4.26	7.63
121	80.2	12.00	8.00	29.00	-4.94	0.09	13.17
122	88.4	16.00	9.00	32.00	2.56	1.38	5.21
123	83.7	11.00	12.00	38.00	25.68	7.05	11.77
124	129.2	11.00	23.00	45.00	-12.72	21.11	6.79
125	81.7	27.00	5.00	44.00	25.54	-4.18	3.81
126	82.0	10.00	8.00	27.00	0.24	0.01	7.80
127	82.5	14.00	9.00	36.00	-1.05	1.43	3.43
128	91.5	16.00	5.00	31.00	5.13	-4.02	7.72
129	88.4	20.00	8.00	34.00	11.29	-0.02	6.64
130	120.1	8.00	15.00	31.00	-15.57	9.96	9.84
131	89.4	19.00	9.00	34.00	8.88	1.35	5.25
132	80.2	12.00	6.00	28.00	-3.87	-2.62	4.42
133	102.1	14.00	4.00	32.00	3.03	-5.33	5.81
134	87.5	10.00	8.00	26.00	-9.13	0.11	3.50
135	87.7	22.00	6.00	36.00	16.29	-2.75	4.61
136	88.3	14.00	7.00	30.00	0.80	-1.26	6.24
137	95.3	14.00	3.00	26.00	2.57	-6.70	9.01
138	103.0	15.00	9.00	32.00	2.84	1.49	8.18
139	93.6	19.00	13.00	39.00	7.46	6.80	5.85
140	83.6	10.00	4.00	23.00	-6.45	-5.29	16.12
141	83.9	15.00	9.00	31.00	0.21	1.38	6.73
142	84.5	19.00	8.00	36.00	8.60	-0.03	7.82
143	89.1	16.00	7.00	31.00	3.72	-1.32	9.13
144	89.2	6.00	15.00	27.00	-19.79	7.02	24.41
145	100.4	14.00	12.00	38.00	-1.70	5.57	13.03
146	84.3	12.00	11.00	32.00	-6.14	4.18	10.36
147	84.4	25.00	16.00	41.00	12.31	10.85	6.19
148	89.9	12.00	12.00	36.00	-7.08	5.50	9.34
149	89.0	15.00	7.00	31.00	1.64	-1.31	4.17
150	86.4	23.00	10.00	43.00	15.99	2.64	6.65
151	80.7	17.00	13.00	39.00	2.84	6.80	15.23
152	85.6	10.00	4.00	26.00	-7.35	-5.32	16.80
153	83.6	18.00	5.00	32.00	4.25	-4.04	14.20
154	85.2	20.00	11.00	40.00	9.25	4.02	2.99

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LLIMEX %
155	87.1	18.00	15.00	46.00	-0.73	9.49	5.48
156	84.7	25.00	14.00	47.00	17.64	8.01	4.42
157	86.3	16.00	8.00	33.00	2.67	0.01	7.91
158	91.3	13.00	13.00	44.00	-5.41	6.86	5.97
159	89.6	14.00	8.00	30.00	-0.87	0.06	6.64
160	86.8	17.00	8.00	30.00	4.76	0.00	3.93
161	91.3	19.00	8.00	40.00	9.74	0.01	4.59
162	92.7	17.00	11.00	36.00	4.18	4.11	8.93
163	85.2	16.00	11.00	34.00	1.11	4.07	3.77
164	82.2	18.00	9.00	38.00	5.73	1.32	5.02
165	86.9	18.00	11.00	44.00	5.39	4.03	5.74
166	90.7	16.00	13.00	36.00	0.76	6.82	4.52
167	98.6	15.00	11.00	38.00	0.77	4.18	7.66
168	93.8	20.00	5.00	31.00	13.92	-4.07	7.75
169	91.9	15.00	13.00	35.00	-1.17	6.64	5.58
170	85.8	14.00	9.00	33.00	-1.83	1.39	3.19
171	85.8	13.00	9.00	31.00	-3.86	1.40	7.59
172	85.3	10.00	7.00	25.00	-8.92	-1.26	7.97
173	97.2	15.00	11.00	37.00	0.58	4.17	10.40
174	90.2	22.00	10.00	42.00	14.71	2.67	5.85
175	92.3	13.00	15.00	38.00	-2.20	9.55	6.98
176	91.0	14.00	14.00	36.00	-3.86	8.20	6.28
177	91.6	16.00	7.00	28.00	4.08	-1.31	8.97
178	92.8	13.00	10.00	33.00	-3.68	2.80	6.44
179	89.5	16.00	7.00	34.00	3.77	-1.32	10.20
180	89.3	11.00	17.00	36.00	-11.82	12.28	6.00
181	90.3	11.00	5.00	30.00	-5.41	-3.96	6.41
182	89.6	10.00	9.00	29.00	-9.65	1.46	6.58
183	86.1	11.00	5.00	27.00	-5.82	-3.98	6.61
184	92.8	15.00	5.00	31.00	3.15	-4.01	8.72
185	87.6	21.00	15.00	50.00	9.02	10.79	6.02
186	89.4	13.00	16.00	36.00	-7.17	10.90	6.61
187	95.0	43.00	10.00	66.00	60.25	2.44	2.98
188	85.8	21.00	11.00	38.00	11.84	4.03	6.11
189	87.3	17.00	8.00	32.00	4.98	0.01	7.92
190	93.6	19.00	9.00	40.00	9.98	1.39	8.19
191	95.7	11.00	8.00	29.00	-6.39	0.13	6.17
192	97.8	5.00	18.00	32.00	-24.75	13.81	4.91
193	97.4	13.00	9.00	40.00	-2.58	1.47	3.19
194	99.1	12.00	9.00	30.00	-4.55	1.50	6.98
195	98.7	12.00	8.00	26.00	-4.04	0.13	10.08
196	95.1	25.00	8.00	45.00	23.18	-0.05	3.04
197	95.6	13.00	8.00	26.00	-2.24	0.10	5.48
198	101.1	22.00	3.00	36.00	20.99	-6.80	3.09
199	99.2	14.00	4.00	26.00	2.59	-5.34	6.43
200	91.2	12.00	6.00	31.00	-3.77	-2.62	4.06
201	88.5	11.00	9.00	29.00	-7.68	1.44	6.17
202	93.2	13.00	13.00	32.00	-5.22	6.88	5.85
203	93.4	18.00	13.00	37.00	4.15	6.75	4.64
204	95.5	13.00	9.00	29.00	-3.89	1.40	5.85
205	84.2	19.00	16.00	43.00	4.45	10.77	4.61
206	100.2	13.00	11.00	33.00	-3.38	4.21	4.89
207	101.1	22.00	10.00	44.00	17.02	2.74	6.52
208	92.8	15.00	10.00	33.00	0.52	2.78	5.28
209	93.3	22.00	8.00	37.00	16.41	-0.02	4.28
210	98.8	17.00	1.00	25.00	10.70	-9.46	9.78
211	99.8	21.00	10.00	41.00	14.83	2.68	10.77
212	90.6	14.00	9.00	34.00	-1.28	1.42	7.43

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
213	86.5	13.00	10.00	33.00	-0.24	2.74	8.26
214	89.1	14.00	13.00	39.00	-3.56	6.83	4.62
215	88.9	10.00	12.00	25.00	-11.28	5.52	8.82
216	90.3	28.00	11.00	44.00	10.05	4.05	3.92
217	87.0	19.00	11.00	38.00	7.45	4.04	3.34
218	91.8	13.00	10.00	33.00	-3.75	2.80	7.59
219	89.5	20.00	8.00	37.00	11.52	-0.01	6.23
220	91.0	22.00	10.00	43.00	14.86	2.68	2.73
221	93.3	8.00	17.00	35.00	-17.88	12.37	6.81
222	88.0	15.00	8.00	32.00	0.98	0.04	6.12
223	94.4	10.00	8.00	30.00	-8.73	0.14	3.18
224	92.6	25.00	4.00	39.00	24.69	-5.49	3.57
225	91.9	19.00	11.00	40.00	8.25	4.08	7.46
226	93.0	24.00	6.00	41.00	21.61	-2.76	7.97
227	86.2	23.00	5.00	44.00	22.08	-2.79	5.77
228	84.2	13.00	16.00	33.00	-7.60	10.85	7.05
229	98.1	9.00	5.00	23.00	-8.90	-3.91	7.83
230	86.4	6.00	7.00	21.00	-15.94	-3.91	8.34
231	92.4	13.00	-4.00	24.00	-0.48	-5.34	4.32
232	91.4	13.00	6.00	27.00	-2.73	0.08	6.41
233	87.6	20.00	10.00	40.00	10.11	2.68	4.86
234	89.0	17.00	9.00	34.00	4.70	1.37	4.85
235	86.1	17.00	10.00	36.00	3.77	2.71	5.31
236	88.4	21.00	11.00	44.00	11.78	4.03	5.25
237	86.9	21.00	10.00	44.00	12.03	2.67	5.87
238	84.3	15.00	8.00	33.00	1.29	1.43	7.70
239	87.5	11.00	6.00	32.00	-6.20	-2.62	12.10
240	107.6	12.00	6.00	31.00	-2.98	0.18	6.66
241	85.6	12.00	4.00	32.00	10.83	-5.43	3.15
242	89.7	17.00	20.00	43.00	-1.00	16.27	5.26
243	92.2	14.00	10.00	30.00	-1.62	2.79	3.88
244	87.3	17.00	6.00	37.00	4.98	0.01	6.58
245	93.7	23.00	11.00	43.00	17.42	4.05	2.63
246	92.2	21.00	10.00	39.00	13.01	2.70	4.75
247	81.5	17.00	9.00	37.00	3.64	1.33	4.96
248	88.5	17.00	11.00	34.00	3.58	4.08	10.80
249	92.4	18.00	6.00	38.00	7.84	0.02	9.16
250	92.0	13.00	11.00	34.00	-4.27	4.15	5.20
251	87.5	13.00	9.00	29.00	-3.69	1.41	4.58
252	90.8	13.00	10.00	41.00	0.29	2.76	3.43
253	87.1	31.00	13.00	77.00	-9.88	6.85	5.91
254	85.5	19.00	7.00	36.00	9.28	-1.37	3.52
255	87.8	18.00	13.00	39.00	-1.64	6.80	5.44
256	85.7	13.00	7.00	36.00	1.21	-1.32	8.79
257	87.3	18.00	6.00	33.00	8.10	-2.70	7.15
258	87.8	17.00	5.00	28.00	6.62	-4.04	10.32
259	88.1	11.00	13.00	29.00	-9.80	6.85	6.07
260	93.8	17.00	11.00	37.00	4.33	4.12	4.80
261	89.0	16.00	15.00	46.00	-0.50	9.51	4.34
262	91.3	14.00	18.00	40.00	-5.99	13.62	4.89
263	93.6	11.00	11.00	36.00	-8.40	4.16	7.65
264	101.9	18.00	11.00	35.00	1.24	4.20	5.09
265	90.2	20.00	8.00	37.00	11.61	-0.01	5.16
266	89.2	17.00	16.00	39.00	1.06	10.85	4.52
267	91.3	12.00	11.00	36.00	8.80	4.30	49.55
268	96.0	8.00	10.00	27.00	-13.56	2.89	7.23
269	86.0	17.00	13.00	30.00	-1.11	-	-

SAM NO	HM	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
271	90.1	11.00	11.00	36.00	-8.57	4.17	6.57
272	94.5	13.00	11.00	31.00	-4.00	4.17	11.18
273	75.5	16.00	11.00	36.00	1.39	6.86	4.19
274	130.5	11.00	11.00	39.00	-5.04	5.87	14.72
275	110.0	17.00	11.00	41.00	7.05	4.23	4.68
276	101.7	18.00	8.00	54.00	5.27	0.10	8.83
277	108.6	13.00	12.00	33.00	1.62	5.62	3.08
278	107.3	18.00	18.00	35.00	2.53	8.33	3.07
279	133.6	7.00	13.00	39.00	-12.08	10.11	14.05
280	152.7	9.00	9.00	28.00	-5.34	1.90	6.53
281	107.8	10.00	10.00	23.00	-8.72	2.94	9.01
282	116.6	15.00	14.00	38.00	8.82	8.39	7.32
283	105.3	11.00	12.00	30.00	-7.83	5.65	6.52
284	100.9	21.00	7.00	37.00	16.48	-1.34	6.90
285	102.4	10.00	6.00	28.00	-6.89	-2.55	10.69
286	104.9	15.00	13.00	38.00	0.50	6.95	6.54
287	114.6	15.00	9.00	31.00	6.77	1.53	4.93
288	163.2	12.00	16.00	37.00	0.16	11.87	3.08
289	84.9	8.00	9.00	28.00	-14.03	1.46	4.30
290	112.2	14.00	12.00	34.00	-0.77	7.03	8.86