

Radiological Survey Sheet

Job Location Pfizer Inc.

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Survey Purpose Decommissioning

W/15

Date 5/23/00

Performed By DAVID DURKEE
(Print)


(Sign)

Inst.(1) (Model/SN) <u>Beckman LS 6500</u> <u>#7069448</u>	Inst.(2) <u>Wellm 2241-2</u> (Model/SN) <u># 137757</u>	Inst.(3) (Model/SN)
Det. <u>Internal</u> (Model/SN)	Det. <u>Wellm 43-6E</u> (Model/SN) <u>#140899</u>	Det. (Model/SN)
Eff. <u>See LSC Printout</u>	Eff. <u>≈ 8% C-14</u>	Eff.
Type rad. <u>β</u>	Type rad. <u>β</u>	Type rad.
Bkgd. <u>See LSC Printout</u>	Bkgd. <u>300 cpm</u>	Bkgd.
Cal. Due: <u>12/00</u>	Cal. Due <u>4/28/01</u>	Cal. due

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
1.	<u>1025</u>	<u>Door</u>	1	See attached LSC Printout
2.		<u>wall</u>	1	
3.		<u>Hood Top</u>	1	
4.		<u>Outer Hood (L) Side</u>	1	
5.		<u>" " (R) side</u>	1	
6.		<u>(L) hood wall</u>	1	
7.		<u>(R) hood wall</u>	1	
8.		<u>Back hood wall</u>	1	
9.		<u>(L) counter</u>	1	
10.		<u>(R) Counter</u>	1	
11.		<u>inner sash</u>	1	
12.		<u>outer sash</u>	1	
13.		<u>hood Lip</u>	1	
14.		<u>(L) Outer Cabinet</u>	1	
15.		<u>(L) inner Cabinet</u>	1	
16.		<u>(R) Outer Cabinet</u>	1	
17.		<u>(R) inner Cabinet</u>	1	
18.	<u>✓</u>	<u>Blue Floor Mat</u>	1	

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
19		Blue Floor Mat	1	See attached LSC Printout
20		Acryglass	1	
21		Plastic Lid	1	
22		Le Metal Door	1	
23		Lead Brick	1	
24		" "	1	
25		Metal Racks	1	
26		Shelf	1	
27		Wall	1	
28		Faucet	1	
29		Counter	1	
30		Sink	1	
31		Sink Drain	1	
32		SINK Strainer	1	
33		② cabinet door	1	
34		① cabinet door	1	
35		inner cabinet	1	
36		Wall Unit	1	
37		Top Shelf	1	
38		Shelf	1	
39		"	1	
40		Bottom shelf	1	
41		Counter	1	
42		Glass Pan	1	
43		Rubber Hose	1	
44		Outer Drawers	1	
45		Top Drawer	1	
46	✓	Drawer	1	↓

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
47		Drawer	1	See attached LSC Printout
48		Bottom Drawer	1	
49		Floor	1	
50		Floor	1	
51		Floor	1	
52		"	1	
53		Floor	1	
54		Wall	1	
55		Wall	1	
56		Boxes	1	
57		outer Top @ side incubator	1	
58		over Top @ Side "	1	
59		Front Top of "	1	
60		Control Panel	1	
61		inner Door	1	
62		Top Shelf	1	
63		Shelf	1	
64		Shelf	1	
65		Bottom Shelf	1	
66		Lower @ Side incubator	1	
67		Lower @ Side "	1	
68		Front Door	1	
69		Inner shelf @ Door	1	
70		Top Shelf	1	
71		Shelf	1	
72		shelf	1	
73		shelf	1	
74	✓	Upper Wall	1	✓

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
75		Lower wall	1	See attached LSC Printout
76		Upper wall	1	
77		Lower wall	1	
78		Upper wall	1	
79		" Lower Wall	1	
80		" Boxes	1	
81		Metal Shelves	1	
82		Chair	1	
83		Cart	1	
84		Floor	1	
85		Floor	1	
86		Wall	1	
87		Wall	1	
88		Shelf	1	
89		Lower Wall	1	
90		" "	1	
91		Wall Unit	1	
92		Top Shelf	1	
93		shelf	1	
94		"	1	
95		Bottom Shelf	1	
96		Wall Unit	1	
97		Top Shelf	1	
98		Shelf	1	
99		Shelf	1	
100		Bottom shelf	1	
101		Top Shelf	1	
102		shelf	1	

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
103		Shelf	1	See attached LSC Printout
104		Bottom Shelf	1	
105		Desk Top	1	
106		Drawer	1	
107		outer Drawers	1	
108		Top Drawers	1	
109		Drawer	1	
110		Bottom Drawer	1	
111		Chair	1	
112		Chair	1	
113		Floor	1	
114		"	1	
115		Floor	1	
116		Floor	1	
117		Top Shelf	1	
118		shelf	1	
119		Bottom Shelf	1	
120		Top shelf	1	
121		Shelf	1	
122		Bottom Shelf	1	
123		Top Shelf	1	
124		shelf	1	
125		Bottom Shelf	1	
126		Cup Sink	1	
127		cup Sink	1	
128		Counter	1	
129		Counter	1	
130	↓	Counter	1	↓

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
131		Counter	1	See attached LSC Printout
132		Counter	1	
133		outer Drawers	1	
134		Top Drawer	1	
135		Drawer	1	
136		Top shelf Cabinet	1	
137		shelf Cabinet	1	
138		Drawer	1	
139		outer Drawers	1	
140		Top Drawer	1	
141		Drawer	1	
142		Drawer	1	
143		Bottom Drawer	1	
144		Drawers exterior	1	
145		Top Outer Drawers	1	
146		Top Drawer	1	
147		Drawer	1	
148		Drawer	1	
149		Bottom Drawer	1	
150		Cabinet End	1	
151		Cabinet End	1	
152		Counter	1	
153		"	1	
154		"	1	
155		Counter	1	
156		outer Drawers	1	
157		Top (O) Drawer	1	
158	✓	(O) Drawer	1	✓

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
159		② Drawer	1	See attached LSC Printout
160		TOP ② Drawer	1	
161		② Drawer	1	
162		Drawer	1	
163		Bottom Drawer	1	
164		Outer Drawers	1	
165		Top ② Drawer	1	
166		② Drawer	1	
167		Top ② Drawer	1	
168		② Drawer	1	
169		Drawer	1	
170		Bottom Drawer	1	
171		Drawer	1	
172		Outer Drawers	1	
173		Top Drawer	1	
174		Drawer	1	
175		Top shelf	1	
176		shelf	1	
177		Top shelf	1	
178		shelf	1	
179		shelf	1	
180		Bottom shelf	1	
181		Computer shelf	1	
182		Desk Top	1	
183		Drawer	1	
184		outer Drawers	1	
185		Top Drawer	1	
186	✓	Drawer	1	✓

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
187		Bottom Drawers	1	See attached LSC Printout
188		Floor	1	
189		"	1	
190		Floor	1	
191		Wall Unit	1	
192		Top Shelf	1	
193		Shelf	1	
194		"	1	
195		Bottom Shelf	1	
196		Wall Unit	1	
197		Top Shelf	1	
198		Shelf	1	
199		Shelf	1	
200		Bottom Shelf	1	
201		Wall Unit	1	
202		Top Shelf	1	
203		Shelf	1	
204		Shelf	1	
205		Bottom shelf	1	
206		Top shelf	1	
207		Shelf	1	
208		Shelf	1	
209		Computer ^{Bottom} shelf	1	
210		Computer shelf	1	
211		Desk Top	1	
212		Drawer	1	
213		Outer Drawer	1	
214	↓	Top Drawers	1	↓

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
215		Drawer	1	See attached LSC Printout
216		Bottom Drawer	1	
217		Top Shelf	1	
218		shelf	1	
219		Bottom shelf	1	
220		Top Shelf	1	
221		Shelf	1	
222		str. Bottom shelf	1	
223		Counter	1	
224		"	1	
225		Counter	1	
226		"	1	
227		Counter	1	
228		Cup Sink	1	
229		Cup Sink	1	
230		Outer Drawers	1	
231		Top Drawer	1	
232		Drawer	1	
233		Top Shelf	1	
234		shelf	1	
235		Drawer	1	
236		Outer Drawers	1	
237		Top Drawer	1	
238		Drawer	1	
239		Drawer	1	
240		Bottom Drawer	1	
241		Chair	1	
242	✓	Chair	1	✓

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
243		Drawer	1	See attached LSC Printout
244		outer Drawers	1	
245		Top Drawer	1	
246		Drawer	1	
247		Drawer	1	
248		Bottom Drawer	1	
249		Cabinet Side	1	
250		Floor	1	
251		Top shelf	1	
252		shelf	1	
253		shelf	1	
254		Counter	1	
255		outer Cabinet	1	
256		Top shelf	1	
257		shelf	1	
258		Floor	1	
259		Upper Wall	1	
260		Lower Wall	1	
261		Floor	1	
262		(L) side filing Cabinet	1	
263		(R) " " "	1	
264		Top of filing Cabinet	1	
265		Front of filing Cabinet	1	
266		Wall	1	
267		Wall	1	
268		Floor	1	
269		Floor	1	
270	✓	Door	1	✓

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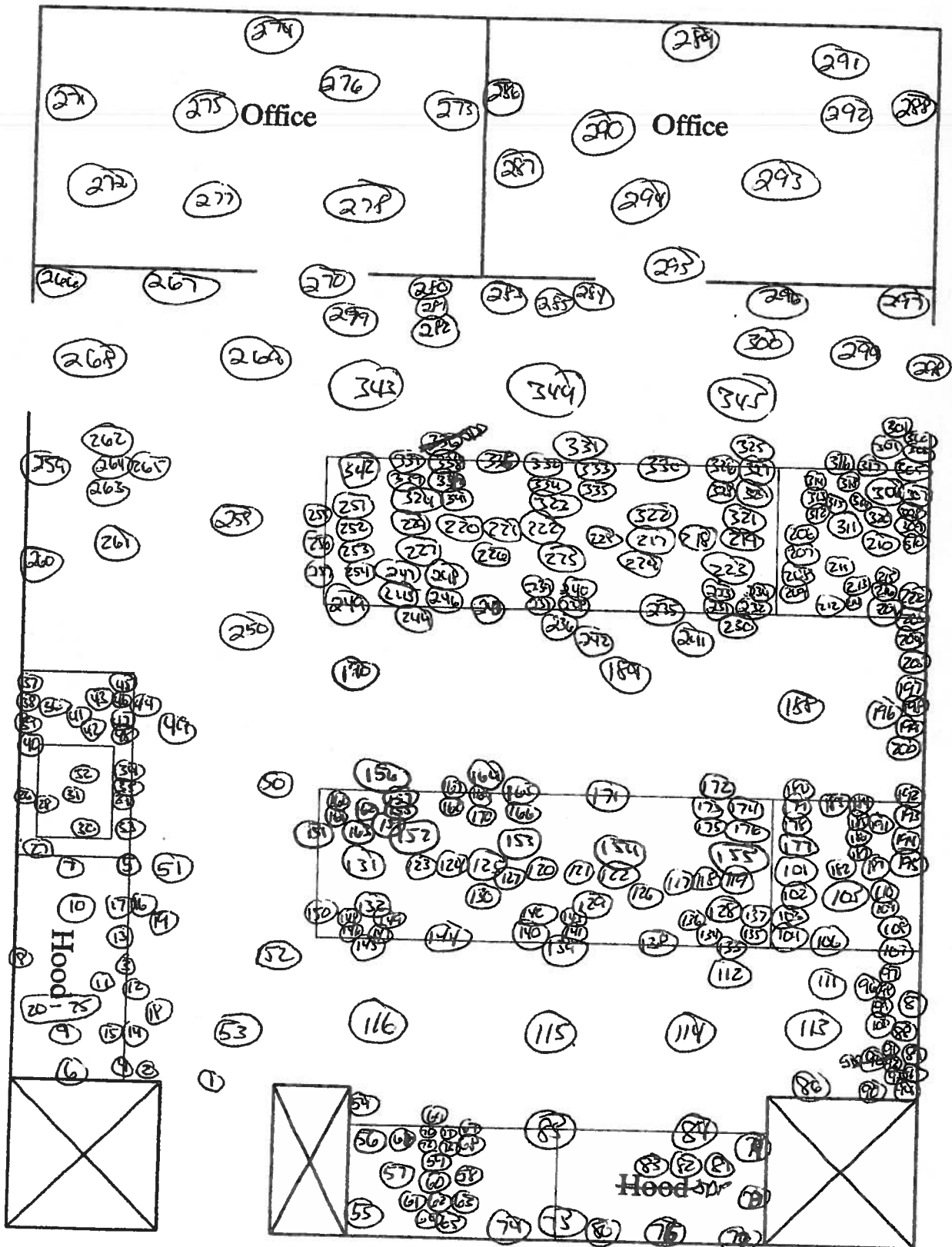
No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
271		Shelves	1	See attached LSC Printout
272		Desk	1	
273		Shelves	1	
274		Windowsill	1	
275		Floor → Chair	1	
276		Chair	1	
277		Floor	1	
278		Floor	1	
279		Floor	1	
280		Top Shelf	1	
281		Shelf	1	
282		Wall	1	
283		(L) Side, in enclosure	1	
284		(R) Side	1	
285		Front	1	
286		Shelves	1	
287		Desk	1	
288		Shelves	1	
289		Window Sill	1	
290		Chair	1	
291		Chair	1	
292		Chair	1	
293		Floor	1	
294		Floor	1	
295		Door	1	
296		wall	1	
297		wall	1	
298		Door	1	

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
299		Floor	1	See attached LSC Printout
300		Floor	1	
301		Top Shelf	1	
302		Shelf	1	
303		Shelf	1	
304		Bottom Shelf	1	
305		Wall	1	
306		Wall Unit	1	
307		Top Shelf	1	
308		Shelf	1	
309		Bottom shelf	1	
310		Computer Shelf	1	
311		Top shelf	1	
312		shelf	1	
313		shelf	1	
314		Bottom Shelf	1	
315		Desk Top	1	
316		Drawer	1	
317		Outer Drawers	1	
318		Top Drawer	1	
319		Drawer	1	
320		Bottom Drawer	1	
321		Counter	1	
322		Counter	1	
323		Counter	1	
324		Counter	1	
325		outer Drawers	1	
326	↓	Top Drawer	1	↓



- Surveyed 100% of lower surfaces using 43-68 NO READINGS IN EXCESS OF NORMAL BACKGROUNDS WERE NOTED.

O = WIPE LOCATION

115

23 MAY 2000 17:43

ID: EQUIPMENT SURVY
USER: 1 COMMENT:

PRESET TIME : 1.00
 DATA CALC : DL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : EDI
 COUNT BLANK : YES ICF : NO REPLICATES : 1 RB232 : EDI
 TWO PHASE : NO ABC : YES CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: YES LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 3H %ERROR: 2.00 FACTOR: 1.000000 BKG. SUB: 0
 ISOTOPE 2: 14C %ERROR: 2.00 FACTOR: 1.000000 BKG. SUB: 0
 WIDE OPEN WINDOW %ERROR: 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 %
B1	74.6	26.00	10.00	44.00	45.08	13.13	4.47
1	73.4	23.00	8.00	40.00	-5.00	-2.66	5.49
2	77.1	13.00	10.00	28.00	-24.73	0.17	8.21
3	87.2	17.00	4.00	30.00	-12.51	-7.93	6.52
4	87.7	16.00	10.00	35.00	-17.59	0.20	11.56
5	81.3	10.00	7.00	28.00	-28.79	-3.82	11.67
6	82.3	19.00	14.00	39.00	-14.34	5.52	7.50
7	86.5	23.00	10.00	41.00	0.54	0.08	3.81
8	81.3	18.00	10.00	38.00	-14.44	0.13	5.48
9	83.6	22.00	10.00	44.00	-6.12	0.10	5.52
10	84.0	17.00	7.00	32.00	-14.54	-3.89	4.54
11	84.9	15.00	12.00	39.00	-21.00	2.89	6.80
12	79.4	27.00	7.00	45.00	4.45	-4.02	4.10
13	85.3	21.00	14.00	47.00	-9.87	5.53	7.57
14	90.7	24.00	9.00	43.00	-0.07	-1.24	3.57
15	108.9	22.00	15.00	46.00	-3.63	7.10	11.99
16	79.1	31.00	13.00	57.00	9.24	4.01	3.55
17	96.5	19.00	6.00	37.00	-7.75	-5.22	3.30
18	78.2	27.00	7.00	46.00	4.18	-4.03	5.60
19	89.9	22.00	11.00	42.00	-5.43	1.49	7.98
20	82.1	15.00	9.00	37.00	-19.79	-1.17	6.15
21	84.1	13.00	7.00	33.00	-22.56	-3.84	7.22
22	81.3	18.00	6.00	34.00	-12.45	-5.26	12.08
23	78.0	23.00	8.00	46.00	-4.17	-2.64	5.29
24	80.0	24.00	7.00	41.00	-1.23	-3.98	5.54
25	78.7	21.00	10.00	45.00	-8.95	0.08	9.01
26	89.0	5.00	8.00	21.00	-39.00	-2.36	7.91
27	78.9	20.00	9.00	36.00	-10.37	-1.25	4.59
28	77.4	13.00	7.00	28.00	-23.24	-3.87	9.23
29	85.2	16.00	12.00	40.00	-18.95	2.89	4.43
30	76.7	14.00	13.00	31.00	-24.30	4.17	7.43
31	79.1	18.00	7.00	37.00	-13.27	-3.92	5.94
32	81.9	15.00	4.00	30.00	-17.30	-7.92	7.70
33	77.3	31.00	7.00	53.00	11.75	-4.08	2.91
34	75.0	18.00	7.00	33.00	-13.85	-3.94	6.35
35	82.9	17.00	10.00	40.00	-16.22	0.16	5.12
36	80.9	17.00	13.00	45.00	-17.98	4.19	4.99
37	79.3	15.00	6.00	29.00	-18.63	-5.23	8.00
38	82.4	23.00	10.00	42.00	-5.34	0.70	4.47

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
39	82.4	23.00	5.00	41.00	-1.80	-6.66	5.32
40	84.4	15.00	8.00	31.00	-12.97	-2.55	10.77
41	90.4	19.00	10.00	41.00	-11.01	0.18	6.26
42	84.9	19.00	8.00	38.00	-10.89	-2.56	3.65
43	78.3	13.00	9.00	28.00	-24.13	-1.17	12.43
44	83.3	15.00	8.00	29.00	-19.14	-2.52	3.25
45	79.2	24.00	8.00	46.00	-1.98	-2.64	5.73
46	82.4	20.00	11.00	43.00	-10.81	1.47	4.35
47	86.8	19.00	6.00	37.00	-9.53	-5.25	6.90
48	80.3	23.00	13.00	42.00	-6.23	4.11	5.26
49	79.0	22.00	8.00	37.00	-5.93	-2.62	4.92
50	82.9	15.00	11.00	40.00	-20.71	1.53	5.35
51	75.5	14.00	11.00	33.00	-23.44	1.49	6.74
52	78.6	11.00	12.00	38.00	-29.51	2.89	5.85
53	77.6	20.00	11.00	40.00	-11.56	1.43	4.40
54	81.0	21.00	7.00	35.00	-7.04	-3.95	6.32
55	88.0	15.00	11.00	39.00	-20.13	1.57	5.25
56	80.8	19.00	10.00	39.00	-12.55	0.12	5.25
57	78.0	14.00	7.00	31.00	-21.23	-3.88	7.46
58	83.6	20.00	11.00	38.00	-10.62	1.47	4.75
59	77.9	21.00	14.00	47.00	-11.04	5.46	2.40
60	81.8	12.00	8.00	27.00	-25.28	-2.49	8.11
61	75.7	11.00	9.00	31.00	-28.23	-1.16	4.88
62	75.4	21.00	9.00	40.00	-8.99	-1.28	4.42
63	75.3	17.00	13.00	39.00	-18.64	4.14	3.87
64	76.3	15.00	5.00	27.00	-18.49	-6.58	5.85
65	75.4	23.00	6.00	35.00	-3.11	-5.33	5.68
66	80.7	22.00	6.00	40.00	-4.62	-5.31	4.97
67	83.2	24.00	11.00	44.00	-2.69	1.42	4.65
68	80.4	22.00	6.00	41.00	-4.69	-5.31	5.51
69	83.2	22.00	6.00	43.00	-4.15	-5.30	11.36
70	76.6	20.00	8.00	43.00	-10.23	-2.61	3.50
71	77.5	18.00	6.00	35.00	-13.01	-5.27	4.04
72	80.8	23.00	12.00	46.00	-5.64	2.77	1.88
73	77.8	19.00	11.00	35.00	-13.47	1.45	6.82
74	79.7	15.00	4.00	32.00	-17.58	-7.92	3.46
75	78.1	15.00	9.00	38.00	-20.25	-1.20	3.28
76	81.2	24.00	9.00	45.00	-2.07	-1.29	4.44
77	80.5	19.00	9.00	39.00	-12.08	-1.23	6.34
78	81.8	21.00	11.00	38.00	-8.92	1.45	3.33
79	77.8	12.00	6.00	30.00	-24.66	-5.20	5.38
80	78.5	18.00	7.00	35.00	-13.35	-3.92	4.68
81	88.0	13.00	16.00	41.00	-26.83	8.36	5.71
82	82.7	19.00	10.00	37.00	-12.25	0.13	4.82
83	81.9	18.00	12.00	36.00	-15.38	2.84	4.59
84	80.3	17.00	13.00	41.00	-18.06	4.18	4.47
85	79.0	16.00	8.00	34.00	-17.69	-2.55	5.97
86	83.0	18.00	12.00	37.00	-15.22	2.84	3.44
87	82.4	17.00	13.00	38.00	-17.80	4.20	6.95
88	84.2	13.00	13.00	35.00	-25.61	4.26	6.20
89	79.8	19.00	9.00	34.00	-12.19	-1.23	3.27
90	76.8	17.00	8.00	36.00	-16.02	-2.57	6.37
91	78.2	20.00	10.00	40.00	-10.98	0.09	3.57
92	77.5	11.00	6.00	35.00	-26.63	-5.19	5.38
93	80.6	29.00	8.00	48.00	8.17	-2.70	1.78
94	79.3	24.00	12.00	45.00	-3.95	2.74	5.06
95	79.4	19.00	5.00	33.00	-10.26	-6.62	6.49
96	77.6	16.00	15.00	42.00	-21.31	6.86	4.49

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
97	83.2	22.00	14.00	59.00	-8.22	5.50	3.06
98	78.0	18.00	6.00	37.00	-12.93	-5.27	4.33
99	76.3	15.00	10.00	34.00	-20.94	0.14	4.40
100	79.3	16.00	10.00	36.00	-18.65	0.15	5.96
101	87.7	21.00	16.00	43.00	-10.51	8.25	5.48
102	79.4	16.00	6.00	33.00	-16.65	-5.24	4.61
103	88.1	15.00	8.00	26.00	-18.92	-2.51	10.13
104	82.0	16.00	8.00	36.00	-17.32	-2.53	5.00
105	83.1	19.00	12.00	45.00	-13.21	2.83	4.17
106	78.2	14.00	9.00	33.00	-22.19	-1.18	5.37
107	79.9	20.00	7.00	35.00	-9.21	-3.94	4.74
108	81.0	18.00	11.00	33.00	-14.99	1.48	4.37
109	82.3	15.00	15.00	39.00	-22.80	6.92	4.29
110	78.5	17.00	5.00	30.00	-14.32	-6.60	5.98
111	85.6	16.00	9.00	30.00	-17.36	-1.17	5.55
112	80.6	22.00	12.00	46.00	-7.64	2.78	2.29
113	81.8	12.00	15.00	40.00	-28.81	6.95	4.55
114	79.8	20.00	10.00	38.00	-10.72	0.10	4.19
115	81.4	16.00	6.00	30.00	-16.39	-5.23	5.35
116	81.5	21.00	12.00	43.00	-9.47	2.80	3.65
117	93.2	23.00	11.00	44.00	-2.66	1.50	4.77
118	88.9	12.00	7.00	25.00	-24.09	-3.81	6.46
119	87.1	16.00	15.00	40.00	-20.27	6.96	4.61
120	86.0	14.00	9.00	32.00	-21.33	-1.14	7.31
121	85.5	24.00	11.00	47.00	-2.23	1.44	3.06
122	81.5	19.00	9.00	38.00	-11.93	-1.22	4.43
123	82.1	13.00	5.00	30.00	-21.76	-6.54	6.48
124	86.6	17.00	9.00	41.00	-15.19	-1.17	5.84
125	83.2	20.00	9.00	37.00	-9.66	-1.23	3.39
126	83.3	18.00	15.00	40.00	-16.71	6.89	4.42
127	93.2	10.00	11.00	29.00	-29.99	1.67	4.21
128	80.2	23.00	11.00	49.00	-5.25	1.42	3.75
129	82.0	17.00	12.00	38.00	-17.35	2.85	6.07
130	80.4	14.00	12.00	33.00	-23.44	2.87	5.37
131	84.1	11.00	8.00	29.00	-27.08	-2.46	5.25
132	84.5	16.00	10.00	42.00	-18.01	0.18	4.39
133	78.3	13.00	6.00	25.00	-22.66	-5.21	8.38
134	81.5	20.00	8.00	39.00	-9.45	-2.58	5.03
135	79.0	23.00	5.00	42.00	-2.49	-6.67	3.77
136	76.9	38.00	10.00	63.00	23.76	-0.13	2.31
137	80.9	20.00	13.00	44.00	-12.06	4.15	5.40
138	84.6	16.00	6.00	34.00	-15.95	-5.22	4.02
139	80.9	19.00	5.00	31.00	-10.02	-6.62	5.10
140	81.9	22.00	7.00	33.00	-4.91	-3.96	5.37
141	83.6	15.00	9.00	28.00	-19.62	-1.17	3.47
142	79.9	26.00	10.00	43.00	1.10	0.03	2.79
143	80.4	30.00	12.00	53.00	8.09	2.68	2.95
144	84.7	21.00	13.00	42.00	-9.45	4.17	4.18
145	86.4	21.00	12.00	44.00	-8.64	2.83	6.21
146	81.0	17.00	12.00	38.00	-17.47	2.84	4.53
147	82.0	16.00	13.00	38.00	-19.83	4.21	4.04
148	79.7	17.00	10.00	33.00	-16.63	0.14	3.81
149	88.6	17.00	16.00	43.00	-18.57	8.31	7.38
150	81.5	14.00	10.00	32.00	-22.35	0.18	6.13
151	82.0	13.00	9.00	31.00	-23.79	-1.15	3.26
152	86.7	25.00	9.00	38.00	1.09	-1.27	4.08
153	86.0	11.00	16.00	34.00	-31.05	8.36	5.69
154	79.7	25.00	8.00	38.00	0.09	-2.65	3.90

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
155	83.5	22.00	12.00	46.00	-7.14	2.80	3.00
156	89.1	16.00	15.00	41.00	-20.04	6.98	3.83
157	83.2	15.00	12.00	35.00	-21.19	2.88	4.71
158	83.6	20.00	4.00	34.00	-7.05	-7.97	5.55
159	82.8	19.00	9.00	38.00	-11.73	-1.22	4.97
160	85.9	15.00	8.00	35.00	-18.83	-2.50	2.32
161	82.8	25.00	13.00	47.00	-1.79	4.11	2.88
162	81.3	17.00	7.00	31.00	-14.93	-3.90	4.99
163	91.5	14.00	6.00	25.00	-19.11	-5.17	4.74
164	90.6	11.00	6.00	31.00	-25.46	-5.14	2.76
165	83.2	15.00	9.00	34.00	-19.59	-1.16	4.19
166	82.3	21.00	7.00	40.00	-6.82	-3.94	4.10
167	83.6	20.00	10.00	39.00	-10.11	0.12	4.14
168	85.2	11.00	10.00	29.00	-28.02	0.24	3.67
169	91.6	11.00	8.00	28.00	-26.42	-2.43	9.77
170	98.3	26.00	9.00	49.00	6.03	-1.22	1.05
171	89.9	17.00	8.00	33.00	-14.18	-2.51	4.84
172	85.3	26.00	12.00	43.00	1.27	2.77	3.56
173	81.0	15.00	7.00	32.00	-18.91	-3.88	6.23
174	81.9	12.00	6.00	29.00	-24.27	-5.18	10.09
175	85.2	12.00	5.00	29.00	-23.43	-6.52	4.59
176	83.7	16.00	11.00	32.00	-18.62	1.52	6.70
177	88.9	22.00	9.00	28.00	-4.56	-1.22	8.23
178	94.5	13.00	7.00	26.00	-21.38	-3.79	4.17
179	86.8	14.00	18.00	40.00	-25.93	11.03	4.63
180	89.2	22.00	13.00	37.00	-6.63	4.20	7.23
181	94.3	13.00	11.00	34.00	-23.57	1.64	15.71
182	96.8	18.00	4.00	30.00	-8.73	-7.93	7.22
183	95.5	17.00	9.00	35.00	-13.84	-1.12	3.80
184	82.1	16.00	8.00	33.00	-17.30	-2.53	5.60
185	89.0	19.00	13.00	46.00	-13.88	6.94	1.91
186	85.1	16.00	13.00	43.00	-19.47	4.23	4.04
187	97.0	15.00	9.00	34.00	-17.89	-1.09	4.46
188	81.2	25.00	10.00	48.00	-0.59	0.05	1.97
189	87.2	11.00	10.00	28.00	-27.86	0.26	2.78
190	92.2	14.00	10.00	36.00	-21.16	0.25	5.04
191	89.2	14.00	12.00	41.00	-22.57	2.94	4.73
192	66.6	14.00	16.00	37.00	-24.91	8.33	5.88
193	80.3	25.00	9.00	39.00	-0.29	-1.30	4.83
194	85.9	17.00	10.00	38.00	-15.80	0.18	3.44
195	78.8	19.00	9.00	32.00	-12.35	-1.24	4.59
196	87.0	13.00	13.00	32.00	-25.36	4.29	5.48
197	88.8	15.00	7.00	34.00	-17.94	-3.84	4.61
198	90.9	10.00	4.00	26.00	-26.44	-7.84	3.35
199	84.2	26.00	8.00	46.00	3.05	-2.64	3.85
200	86.7	22.00	8.00	43.00	-4.48	-2.58	5.12
201	82.2	12.00	8.00	28.00	-25.25	-2.49	7.02
202	83.0	26.00	10.00	45.00	1.78	0.05	5.72
203	82.8	18.00	12.00	44.00	-15.25	2.84	4.65
204	85.5	13.00	11.00	30.00	-24.46	1.57	5.64
205	87.3	14.00	9.00	33.00	-21.21	-1.13	2.94
206	102.1	12.00	10.00	30.00	-24.33	0.34	9.11
207	85.5	22.00	10.00	51.00	-5.75	0.11	5.81
208	81.1	14.00	10.00	34.00	-22.39	0.18	4.39
209	82.1	17.00	9.00	34.00	-15.81	-1.20	4.70
210	99.3	13.00	9.00	28.00	-21.90	-1.05	21.90
211	91.8	13.00	9.00	36.00	-22.76	-1.09	9.33
212	92.1	12.00	10.00	26.00	-25.36	0.28	11.37

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
213	89.1	19.00	12.00	37.00	-12.29	2.88	5.00
214	93.3	11.00	12.00	36.00	-28.42	3.01	5.10
215	87.9	14.00	13.00	31.00	-23.23	4.28	17.69
216	91.3	19.00	15.00	45.00	-13.53	6.96	7.10
217	102.9	7.00	13.00	33.00	-37.03	4.51	12.60
218	111.5	15.00	15.00	36.00	-19.29	7.22	8.58
219	102.4	13.00	8.00	28.00	-20.94	-2.39	8.02
220	115.4	17.00	9.00	36.00	-10.24	-1.01	26.36
221	112.3	21.00	15.00	44.00	-5.18	7.15	12.12
222	93.7	14.00	7.00	30.00	-19.37	-3.81	8.50
223	86.2	22.00	8.00	43.00	-4.59	-2.59	4.32
224	86.0	15.00	12.00	39.00	-20.88	2.90	4.26
225	81.0	19.00	8.00	34.00	-11.51	-2.58	3.82
226	82.7	18.00	12.00	41.00	-15.26	2.84	4.58
227	84.4	15.00	10.00	30.00	-20.03	0.19	6.06
228	108.9	15.00	11.00	35.00	-17.29	1.72	7.97
229	125.2	14.00	12.00	41.00	-17.67	3.24	7.16
230	89.4	10.00	8.00	27.00	-28.69	-2.42	2.98
231	84.4	16.00	13.00	41.00	-19.56	4.23	3.53
232	84.2	12.00	14.00	29.00	-28.13	5.63	6.57
233	86.2	16.00	11.00	37.00	-18.31	1.54	5.32
234	87.6	18.00	10.00	36.00	-13.53	0.17	4.51
235	88.4	22.00	6.00	32.00	-3.09	-5.28	7.77
236	81.4	18.00	8.00	29.00	-13.43	-2.56	5.19
237	86.6	17.00	9.00	46.00	-15.19	-1.17	2.18
238	89.0	16.00	14.00	43.00	-19.52	5.62	4.06
239	87.9	13.00	9.00	30.00	-23.18	-1.12	6.73
240	89.3	19.00	11.00	36.00	-11.73	1.53	7.89
241	78.7	24.00	9.00	44.00	-2.56	-1.30	7.30
242	86.3	13.00	11.00	39.00	-24.39	1.58	2.11
243	100.9	14.00	10.00	31.00	-20.09	0.31	9.66
244	82.7	23.00	8.00	38.00	-3.26	-2.61	3.79
245	89.6	19.00	10.00	34.00	-11.14	0.17	4.91
246	86.6	23.00	7.00	42.00	-1.54	-3.94	4.26
247	89.3	17.00	10.00	31.00	-15.33	0.20	7.21
248	94.6	10.00	5.00	27.00	-26.63	-6.47	8.03
249	84.8	15.00	15.00	50.00	-22.55	6.95	3.73
250	83.2	17.00	4.00	26.00	-13.13	-7.94	6.79
251	92.1	19.00	9.00	40.00	-10.19	-1.17	8.32
252	111.5	12.00	12.00	34.00	-24.46	3.15	10.26
253	92.5	22.00	11.00	40.00	-4.92	1.51	9.14
254	101.9	18.00	13.00	36.00	-12.85	4.35	10.25
255	83.5	14.00	6.00	29.00	-20.10	-5.20	5.62
256	72.0	13.00	4.00	24.00	-20.07	-7.87	8.77
257	98.0	23.00	8.00	48.00	0.06	-2.55	2.65
258	92.1	24.00	7.00	42.00	1.32	-3.94	3.30
259	85.4	12.00	11.00	30.00	-26.49	1.58	4.89
260	88.6	19.00	9.00	37.00	-10.79	-1.19	5.29
261	94.8	14.00	17.00	43.00	-24.67	9.78	5.06
262	85.2	15.00	7.00	29.00	-18.40	-3.86	4.22
263	91.1	13.00	6.00	28.00	-22.32	-2.45	8.14
264	89.3	20.00	10.00	43.00	-9.10	0.16	2.29
265	84.7	21.00	8.00	35.00	-6.90	-2.58	3.00
266	84.7	20.00	10.00	40.00	-9.93	0.13	3.85
267	89.0	20.00	14.00	43.00	-11.30	5.57	4.12
268	91.0	15.00	9.00	33.00	-18.70	-1.12	4.80
269	90.9	19.00	8.00	37.00	-9.87	-2.53	5.25
270	84.7	18.00	9.00	37.00	-13.44	-1.19	3.27

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
271	96.4	20.00	16.00	45.00	-11.14	8.36	5.57
272	84.0	16.00	6.00	36.00	-16.03	-5.22	5.17
273	105.8	21.00	13.00	38.00	-5.42	4.35	8.93
274	91.4	20.00	12.00	40.00	-9.83	2.88	3.91
275	83.9	15.00	12.00	38.00	-21.11	2.89	2.99
276	96.9	24.00	16.00	47.00	-2.48	6.31	2.55
277	87.4	7.00	19.00	34.00	-40.69	12.48	4.17
278	86.0	9.00	7.00	24.00	-30.46	-3.78	6.01
279	86.9	17.00	11.00	38.00	-16.19	1.53	3.13
280	89.0	18.00	8.00	34.00	-12.26	-2.52	7.17
281	87.9	12.00	15.00	37.00	-28.36	7.01	2.97
282	83.7	11.00	7.00	39.00	-26.60	-3.82	4.49
283	89.7	18.00	9.00	37.00	-12.68	-1.17	5.02
284	84.9	15.00	8.00	28.00	-18.95	-2.51	9.67
285	91.1	15.00	14.00	38.00	-21.34	5.65	5.74
286	90.8	22.00	12.00	42.00	-5.78	2.85	4.91
287	88.2	15.00	10.00	35.00	-19.58	0.21	2.50
288	89.4	20.00	9.00	38.00	-8.60	-1.17	3.62
289	108.3	14.00	5.00	30.00	-16.10	-6.48	7.42
290	84.9	20.00	9.00	40.00	-9.38	-1.22	4.28
291	84.4	19.00	5.00	34.00	-9.43	-6.61	5.73
292	91.8	18.00	10.00	39.00	-12.86	0.20	1.82
293	88.2	11.00	16.00	33.00	-30.91	8.38	4.72
294	86.5	16.00	15.00	40.00	-20.35	6.95	5.18
295	87.5	18.00	13.00	33.00	-21.22	4.27	6.71
296	87.8	15.00	15.00	39.00	-22.23	6.98	4.58
297	88.7	10.00	10.00	26.00	-29.79	0.28	5.01
298	85.9	26.00	5.00	45.00	5.01	-6.69	1.35
299	88.1	19.00	8.00	36.00	-10.36	-2.54	4.49
300	91.4	24.00	9.00	45.00	0.10	-1.23	1.59
301	91.5	21.00	9.00	38.00	-6.13	-1.19	3.83
302	100.5	19.00	11.00	37.00	-9.78	1.60	2.35
303	96.3	14.00	9.00	29.00	-20.12	-1.08	10.33
304	92.1	20.00	8.00	39.00	-7.57	-2.54	3.66
305	86.8	15.00	6.00	35.00	-17.71	-5.20	5.87
306	86.8	29.00	9.00	45.00	9.26	-1.32	3.26
307	85.9	18.00	10.00	37.00	-13.78	0.16	6.22
308	94.4	16.00	7.00	38.00	-15.04	-3.83	4.10
309	102.8	13.00	6.00	31.00	-19.75	-5.12	29.65
310	120.4	16.00	10.00	38.00	-12.28	0.41	3.56
311	90.5	14.00	8.00	34.00	-20.31	-2.47	5.15
312	100.3	14.00	10.00	32.00	-20.16	0.31	2.83
313	86.7	18.00	10.00	35.00	-13.67	0.17	4.21
314	94.4	17.00	9.00	35.00	-14.01	-1.13	5.50
315	162.1	17.00	21.00	49.00	-7.55	16.31	4.20
316	93.0	19.00	8.00	37.00	-9.50	-2.52	2.33
317	89.3	18.00	10.00	37.00	-13.27	0.18	4.04
318	95.6	9.00	3.00	17.00	-27.57	-9.17	6.10
319	94.1	12.00	8.00	25.00	-24.08	-2.42	6.28
320	95.7	18.00	6.00	38.00	-10.05	-5.21	6.87
321	90.4	21.00	7.00	38.00	-5.28	-3.91	4.94
322	101.6	14.00	12.00	36.00	-21.13	3.04	6.26
323	85.0	23.00	6.00	41.00	-1.78	-5.31	4.73
324	86.9	18.00	17.00	41.00	-17.26	9.64	4.41
325	87.2	18.00	10.00	36.00	-13.59	0.17	5.14
326	92.1	14.00	8.00	29.00	-20.11	-2.46	5.34
327	92.8	15.00	6.00	26.00	-16.85	-5.18	5.07
328	85.5	13.00	13.00	33.00	-25.49	4.27	4.34

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
329	90.4	16.00	15.00	40.00	-19.88	6.99	3.83
330	90.5	11.00	17.00	38.00	-31.29	9.76	2.98
331	86.9	18.00	12.00	37.00	-14.66	2.87	3.44
332	86.7	17.00	4.00	29.00	-12.59	-7.93	4.93
333	98.8	10.00	6.00	31.00	-26.78	-5.10	3.91
334	102.7	23.00	8.00	35.00	1.20	-2.53	5.37
335	97.5	14.00	8.00	32.00	-19.41	-2.43	6.32
336	94.0	14.00	6.00	31.00	-18.51	-5.16	2.17
337	92.3	17.00	10.00	38.00	-14.88	0.22	5.03
338	88.7	18.00	5.00	31.00	-10.74	-6.59	3.77
339	93.1	23.00	10.00	39.00	-2.16	0.15	6.27
340	98.0	12.00	9.00	33.00	-24.22	-1.04	10.43
341	97.1	20.00	11.00	42.00	-8.26	1.57	3.83
342	90.1	26.00	8.00	46.00	4.47	-2.62	2.05
343	89.0	14.00	9.00	30.00	-21.01	-1.12	5.91
344	89.8	18.00	10.00	40.00	-13.18	0.19	1.75
345	90.9	17.00	10.00	38.00	-15.09	0.21	5.22