

Radiological Survey Sheet

Job Location PGRD 118N/N317 Page 1 of 21
 Survey Purpose Radiological Assessment Date 10/11/02
 Performed By Pam Jones (Print) Pam Jones (Sign)

Inst.(1) (Model/SN) Beckman LS 6000 #7060743	Inst.(2) Ludlum 2241-2 (Model/SN) #163603	Inst.(3) (Model/SN)
Det. Internal (Model/SN)	Det. Ludlum 43-68 (Model/SN) #PR149613	Det. (Model/SN)
Eff. See LSC Printout	Eff. ≈ 8% C14	Eff.
Type rad. β	Type rad. β	Type rad.
Bkgd. See LSC Printout	Bkgd. 300 cpm	Bkgd.
Cal. Due: 4/26/03	Cal. Due: 4/5/03	Cal. due

No.	Time	Location	Inst. Used	Total Activity (cpm/100 cm ²)	
1.	1300	wall	1	See attached LSC Printout	
2.		door	1		
3.		↓	1		
4.		wall	1		
5.		glass	1		
6.		wall	1		
7.		metal tube	1		
8.		white platform	1		
9.		out. bio hood left	1		
10.		rear	1		
11.		right	1		
12.		top	1		
13.		front	1		
14.		inside bio hood left	1		
15.		rear	1		
16.		rear top slat	1		✓ (see # 301)
17.		rear bot. slat	1		✓ (see # 302)
18.		right	1		

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No.	Time	Location	Inst. Used	Total Activity (cpm/100 cm ²)
19		bio hood top inside	1	See attached LSC Printout
20		↓ counter	1	
21		tabletop	1	√(see # 307)
22		floor	1	
23			1	
24			1	
25			1	
26			1	
27			1	
28			1	
29			1	
30			1	
31			1	
32			1	
33		↓	1	
34		out. hood left	1	
35		left top	1	
36		rt. top	1	
37		right	1	
38		left glass	1	
39		rt. glass	1	
40		left lip	1	
41		rt. lip	1	
42		inside hood left top	1	
43		left bottom	1	
44		left rear top	1	
45		middle	1	
46		bottom	1	

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No.	Time	Location	Inst. Used	Total Activity (cpm/100 cm ²)
47		inside hood right rear top	1	See attached LSC Printout
48		↓ middle	1	
49		↓ bottom	1	
50		right top	1	
51		right bottom	1	
52		left counter	1	
53		rt. counter	1	√ (see # 309)
54		left cup sink	1	
55		rt. cup sink	1	
56		out. drawers	1	
57		left drawer	1	
58		rt. drawer	1	
59		top shelf	1	
60		bottom shelf	1	
61		drawer	1	
62		metal tray	1	
63		solvent can	1	
64		↓	1	
65		out. Cabinet	1	
66		top shelf	1	
67		bottom left	1	
68		↓ bottom	1	
69		↓ right	1	
70		rig outside	1	
71		↓ inside	1	
72		out hood left	1	
73		↓ top	1	
74		↓ right	1	

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No.	Time	Location	Inst. Used	Total Activity (cpm/100 cm ²)
75		out. hand left glass	1	See attached LSC Printout
76		↓ right glass	1	
77		left hand lip	1	
78		↓ right hand lip	1	
79		inside hood middle rear post	1	
80		left top rear	1	
81		↓ middle rear	1	
82		↓ bottom rear	1	
83		right top rear	1	
84		middle rear	1	
85		↓ bottom rear	1	
86		top right	1	
87		bottom right	1	
88		counter	1	
89		↓	1	
90		↓	1	
91		↓ cup sink	1	
92	0800	int. cabinet	1	
93		top shelf	1	
94		bottom shelf	1	
95		out cabinet	1	
96		left	1	
97		bottom	1	
98		right	1	
99		out cabinet	1	
100		top shelf	1	
101		bottom shelf	1	
102		↓ cabinet	1	

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No.	Time	Location	Inst. Used	Total Activity (cpm/100 cm ²)
103		out. hood left	1	See attached LSC Printout
104		top	1	
105		top	1	
106		right	1	
107		left glass	1	
108		rt. glass	1	
109		left lip	1	
110		rt. lip	1	
111		inside hood top left	1	
112		bot. left	1	
113		left top rear	1	
114		middle rear	1	
115		bottom rear	1	
116		right top rear	1	
117		middle rear	1	
118		bottom rear	1	
119		counter	1	
120		cup sink	1	
121		cup sink	1	
122		out. cabinet	1	
123		top shelf	1	
124		bottom shelf	1	
125		out. cabinet	1	
126		top shelf	1	
127		bot. shelf	1	
128		floor	1	
129			1	
130			1	

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No.	Time	Location	Inst. Used	Total Activity (cpm/100 cm ²)
131		FLOOR	1	See attached LSC Printout
132		Window	1	
133		↓	1	
134		↓	1	
135		wall	1	
136		↓	1	
137		↓	1	
138		wall	1	
139		pipe dryer	1	
140		counter	1	
141		↓	1	
142		sides of sink	1	
143		bottom	1	
144		drain	1	
145		out. sink cabinet	1	
146		left	1	
147		bottom	1	
148		↓	1	
149		right	1	
150		paper towel dispenser	1	
151		above box	1	
152		top shelf	1	
153		shelf	1	
154		bot. shelf	1	
155		top shelf	1	
156		shelf	1	
157		bot. shelf	1	
158	↓	counter	1	↓

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No.	Time	Location	Inst. Used	Total Activity (cpm/100 cm ²)
159		counter	1	See attached LSC Printout
160		↓	1	
161		↓	1	
162		side out. sink	1	
163		out. drawers	1	
164		top drawer	1	
165		drawer	1	
166		↓	1	
167		bot. drawer	1	
168		out. drawers	1	
169		top drawer	1	
170		drawer	1	
171		↓	1	
172		bot. drawer	1	
173		out. drawers	1	
174		top drawer	1	
175		top shelf	1	
176		bot. shelf	1	
177		out. drawers	1	
178		top left drawer	1	
179		top right (⊕) drawer	1	
180		top rt. drawer	1	
181		drawer	1	
182		↓	1	
183		bottom drawer	1	
184		drawer	1	
185		island top	1	
186	↓	↓ left side	1	↓

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No.	Time	Location	Inst. Used	Total Activity (cpm/100 cm ²)
187		island-rt. side	1	See attached LSC Printout
188		chair	1	
189		top shelf	1	
190		shelf	1	
191		bot. shelf	1	
192		top shelf	1	
193		shelf	1	
194		bot. shelf	1	
195		counter	1	
196		↓	1	
197			1	
198		↓	1	
199		dist. in	1	
200		basket	1	
201		out. drawers	1	
202		top drawer	1	
203		top shelf	1	
204		bot. shelf	1	
205		out. drawers	1	
206		top drawer	1	
207		drawer	1	
208		↓	1	
209		↓	1	
210		bot. drawer	1	
211		out. drawers	1	
212		top left drawer	1	
213		drawer	1	
214	✓	top rt. drawer	1	↓

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No.	Time	Location	Inst. Used	Total Activity (cpm/100 cm ²)
215		drawer	1	See attached LSC Printout
216		↓	1	
217		bot. drawer	1	
218		out. drawers	1	
219		top drawer	1	
220		top shelf	1	
221		bot. shelf	1	
222		out. drawers	1	
223		top drawer	1	
224		drawer	1	
225		↓	1	
226		↓	1	
227		bot. drawer	1	
228		out. drawers	1	
229		top drawer	1	
230		drawer	1	
231		↓	1	
232		bot. drawer	1	
233		left side of sink	1	
234		floor	1	
235		↓	1	
236		↓	1	
237		↓	1	
238		↓	1	
239		↓	1	
240		↓	1	
241		↓	1	
242	↓	↓	1	↓

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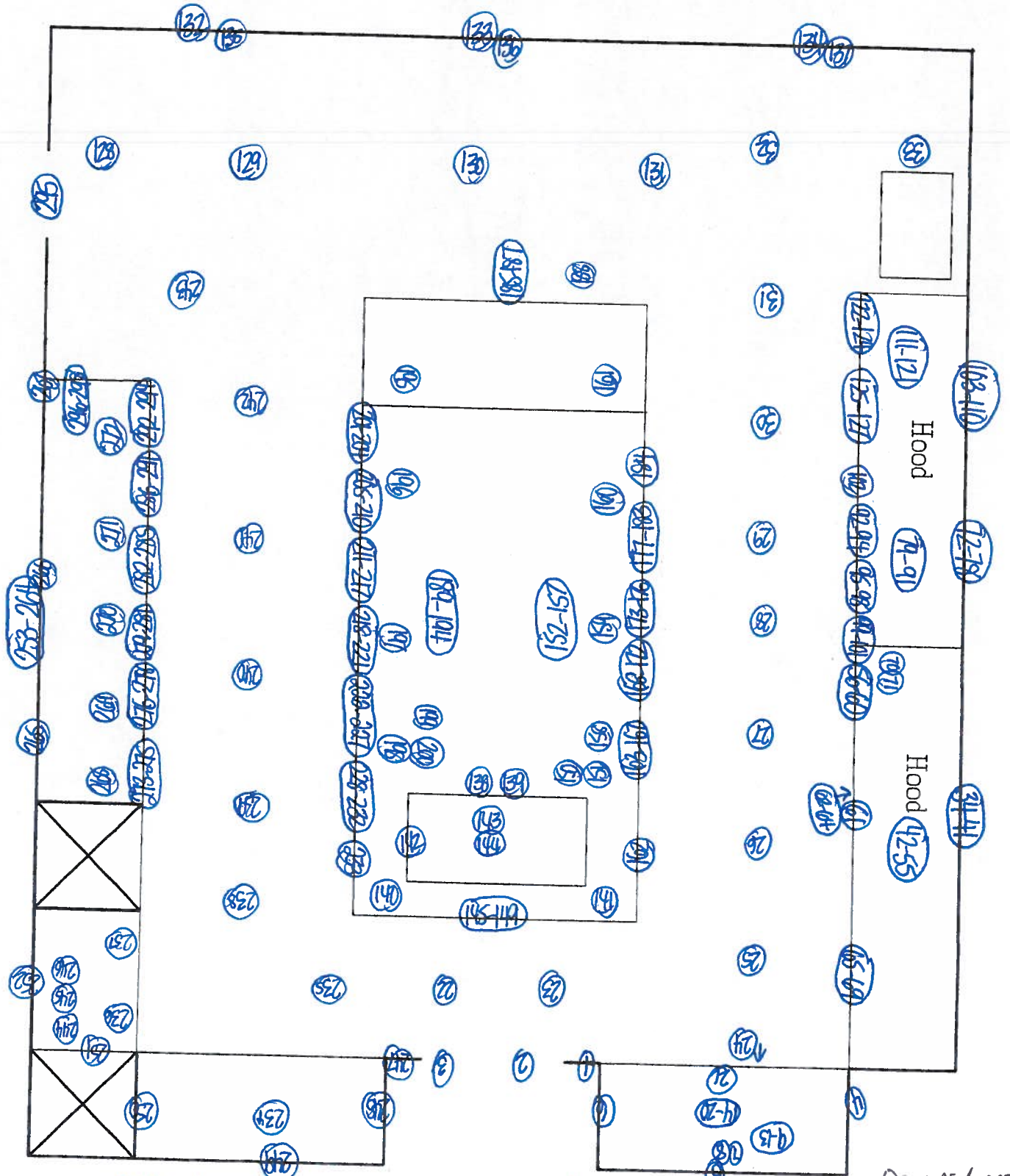
No.	Time	Location	Inst. Used	Total Activity (cpm/100 cm ²)
243		door	1	See attached LSC Printout
244		basket	1	
245		chair	1	
246		↓	1	
247		wall	1	
248			1	
249			1	
250			1	
251			1	
252		↓	1	
253		out. shelves	1	
254		top shelf	1	
255		bot. shelf	1	
256		out. shelves	1	
257		top shelf	1	
258		bot. shelf	1	
259		out. shelves	1	
260		top shelf	1	
261		bot. shelf	1	
262		out. shelves	1	
263		top shelf	1	
264		bot. shelf	1	
265		wall	1	
266		↓	1	
267		↓	1	
268		counter	1	
269		↓	1	
270	↓	↓	1	↓

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No.	Time	Location	Inst. Used	Total Activity (cpm/100 cm ²)
271		counter	1	See attached LSC Printout
272		↓	1	
273		out. cabinet	1	
274		top shelf	1	
275		bot. shelf	1	
276		out. cabinet	1	
277		top shelf	1	
278		bottom shelf	1	
279		cubby left	1	
280		↓ bottom	1	
281		right	1	
282		out. cabinet	1	
283		left	1	
284		bottom	1	
285		right	1	
286		out. drawers	1	
287		top drawer	1	
288		drawer	1	
289		↓	1	
290		bot. drawer	1	
291		out. cabinet	1	
292		top shelf	1	
293		bottom shelf	1	
294		door	1	
295		Nelson 500 sides	1	
296		front	1	
297		rear	1	
298	↓			↓



Surveyed 100% of all lower surfaces using instrument #2.
All areas were found to be at a level of normal background.

O = WAF LOCATION

15 OCT 2002 08:11

ID: WIPES

USER: 3

COMMENT: WIPES

RESET TIME : 1.00
 DATA CALC : DL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : EDIT
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : EDIT
 TWO PHASE : NO AQC : 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: 1.0000 BKG. SUB: 0
 ISOTOPE 2: 14C %ERROR: 2.00 FACTOR: 1.0000 BKG. SUB: 0
 WIDE OPEN WINDOW %ERROR: 0.00 FACTOR: 1.0000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: Off

Quench Limits Low: 13.688 High: 306.34

SAM NO	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM		
B1	14.00	8.00	30.00	25.19	10.46		
	Blank Average	Average	DPM for	3H :	25.19	COEF. OF VAR:	0.000
	Blank Average	Average	DPM for	14C :	10.46	COEF. OF VAR:	0.000
1	9.00	13.00	36.00	-12.88	6.77		
2	18.00	8.00	32.00	8.64	-0.06		
3	13.00	12.00	36.00	-4.06	5.36		
4	11.00	11.00	36.00	-7.67	4.06		
5	10.00	11.00	31.00	-9.77	4.08		
6	10.00	9.00	31.00	-8.51	1.42		
7	10.00	10.00	24.00	-9.30	2.74		
8	14.00	8.00	36.00	1.32	0.05		
9	10.00	5.00	27.00	-6.72	-3.94		
10	19.00	9.00	34.00	10.50	1.27		
11	18.00	8.00	32.00	8.45	-0.06		
12	16.00	12.00	43.00	2.65	5.34		
13	11.00	9.00	28.00	-6.66	1.39		
14	12.00	9.00	27.00	-4.51	1.38		
15	31.00	47.00	87.00	16.16	51.87		
16	224.00	363.00	601.00	270.60	472.83		
17	8510.00	10437.00	18995.00	13348.36	13889.71		
18	9.00	11.00	24.00	-11.91	4.09		
19	9.00	18.00	39.00	-15.40	13.45		
20	12.00	12.00	38.00	-5.80	5.41		
21	28.00	52.00	97.00	7.54	58.66		
22	12.00	15.00	37.00	-7.36	9.42		
23	11.00	11.00	29.00	-7.40	4.09		
24	12.00	14.00	39.00	-6.90	8.08		
25	19.00	9.00	41.00	9.79	1.25		
26	12.00	11.00	30.00	-5.42	4.06		
27	16.00	9.00	31.00	4.14	1.32		
28	8.00	11.00	23.00	-13.86	4.13		
29	12.00	14.00	34.00	-6.92	8.08		
30	15.00	12.00	31.00	0.29	5.34		
31	7.00	13.00	30.00	-17.00	6.82		
32	13.00	13.00	36.00	-4.38	6.71		
33	13.00	15.00	40.00	-5.20	9.41		
34	21.00	12.00	39.00	13.00	5.25		
35	18.00	10.00	36.00	7.76	2.62		
36	13.00	17.00	40.00	-6.35	12.07		

SAM NO	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM
37	12.00	10.00	30.00	-4.95	2.72
38	22.00	7.00	39.00	18.72	-1.44
39	10.00	15.00	33.00	-11.49	9.48
40	14.00	7.00	32.00	0.74	-1.33
41	12.00	9.00	28.00	-4.68	1.37
42	19.00	11.00	36.00	9.12	3.93
43	15.00	13.00	39.00	-0.03	6.69
44	13.00	14.00	36.00	-4.86	8.05
45	11.00	11.00	34.00	-7.48	4.08
46	16.00	18.00	46.00	-0.32	13.38
47	6.00	13.00	27.00	-19.14	6.83
48	13.00	11.00	31.00	-2.98	4.06
49	13.00	10.00	30.00	-2.83	2.70
50	14.00	11.00	34.00	-1.32	4.02
51	7.00	8.00	23.00	-14.30	0.15
52	14.00	37.00	57.00	-14.30	38.91
53	38.00	38.00	87.00	39.19	40.02
54	6.00	9.00	27.00	-16.90	1.51
55	15.00	17.00	46.00	-0.76	12.17
56	10.00	8.00	31.00	-8.11	0.08
57	14.00	6.00	30.00	1.25	-2.67
58	10.00	9.00	30.00	-8.72	1.41
59	13.00	6.00	27.00	-0.90	-2.65
60	11.00	8.00	31.00	-5.34	0.10
61	10.00	4.00	26.00	-6.16	-5.27
62	19.00	8.00	38.00	12.23	-0.04
63	12.00	13.00	36.00	-5.71	6.80
64	18.00	18.00	42.00	4.71	13.41
65	18.00	14.00	38.00	5.48	7.96
66	9.00	9.00	29.00	-10.65	1.44
67	15.00	11.00	44.00	1.01	4.01
68	15.00	16.00	46.00	-1.32	10.73
69	17.00	14.00	44.00	3.48	7.98
70	13.00	10.00	28.00	-2.99	2.69
71	3.00	9.00	19.00	-23.44	1.53
72	4.00	8.00	24.00	-20.75	0.20
73	16.00	8.00	35.00	4.96	-0.01
74	13.00	9.00	39.00	-2.21	1.37
75	18.00	5.00	34.00	10.98	-4.06
76	8.00	9.00	28.00	-12.65	1.47
77	12.00	11.00	35.00	-5.31	4.07
78	13.00	12.00	34.00	-3.75	5.39
79	14.00	7.00	29.00	0.85	-1.32
80	10.00	6.00	32.00	-7.14	-2.60
81	12.00	11.00	29.00	-5.47	4.06
82	12.00	7.00	25.00	-2.87	-1.27
83	20.00	8.00	40.00	13.20	-0.08
84	19.00	8.00	32.00	11.23	-0.06
85	11.00	4.00	24.00	-3.90	-5.29
86	11.00	6.00	26.00	-5.04	-2.62
87	16.00	16.00	42.00	0.64	10.70
88	10.00	14.00	35.00	-10.66	8.18
89	10.00	6.00	29.00	-6.44	-2.57
90	10.00	11.00	36.00	-9.02	4.15
91	16.00	11.00	39.00	5.26	4.09
92	12.00	7.00	30.00	-3.07	-1.28
93	10.00	15.00	29.00	-11.11	9.54
94	11.00	8.00	23.00	-5.60	0.08

SAM NO	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM
95	12.00	14.00	36.00	-6.55	6.11
96	12.00	10.00	32.00	-4.56	2.74
97	12.00	9.00	34.00	-2.41	1.48
98	10.00	12.00	33.00	-9.78	5.47
99	17.00	11.00	38.00	5.19	3.98
100	10.00	7.00	35.00	-7.37	-1.25
101	10.00	13.00	28.00	-10.45	6.80
102	9.00	7.00	22.00	-8.47	-1.18
103	17.00	10.00	34.00	5.85	2.65
104	5.00	8.00	23.00	-18.65	0.17
105	9.00	9.00	27.00	-10.51	1.45
106	13.00	9.00	28.00	-1.99	1.38
107	11.00	8.00	26.00	-5.71	0.08
108	13.00	5.00	26.00	0.29	-3.97
109	12.00	15.00	38.00	-7.32	9.43
110	16.00	8.00	33.00	4.84	-0.01
111	10.00	9.00	28.00	-8.35	1.44
112	11.00	15.00	38.00	-9.31	9.46
113	13.00	11.00	39.00	-2.82	4.07
114	13.00	5.00	31.00	-0.23	-3.98
115	13.00	12.00	34.00	-3.56	5.40
116	13.00	12.00	33.00	-3.43	5.41
117	16.00	7.00	30.00	6.43	-1.33
118	22.00	29.00	55.00	8.48	28.22
119	23.00	23.00	54.00	13.46	20.07
120	17.00	9.00	41.00	7.44	1.34
121	20.00	8.00	34.00	13.44	-0.08
122	9.00	10.00	30.00	-11.04	2.79
123	11.00	10.00	31.00	-6.59	2.77
124	16.00	11.00	34.00	3.36	4.01
125	10.00	12.00	37.00	-9.45	5.51
126	8.00	10.00	24.00	-12.74	2.86
127	6.00	3.00	22.00	-13.83	-6.54
128	15.00	5.00	29.00	4.50	-4.01
129	13.00	7.00	34.00	-0.60	-1.29
130	6.00	8.00	23.00	-16.40	0.17
131	10.00	9.00	29.00	-8.47	1.43
132	8.00	7.00	22.00	-11.61	-1.21
133	10.00	9.00	24.00	-8.47	1.43
134	12.00	8.00	30.00	-3.32	0.07
135	14.00	11.00	38.00	-1.06	4.03
136	10.00	22.00	43.00	-15.08	18.88
137	14.00	14.00	38.00	-2.17	8.09
138	22.00	5.00	40.00	19.06	-4.13
139	12.00	7.00	27.00	-3.22	-1.29
140	10.00	9.00	30.00	-8.20	1.45
141	17.00	10.00	36.00	6.28	2.66
142	13.00	19.00	45.00	-7.04	14.80
143	18.00	13.00	41.00	8.12	6.73
144	16.00	10.00	45.00	5.08	2.72
145	13.00	6.00	30.00	-0.40	-2.64
146	13.00	6.00	30.00	-0.30	-2.63
147	17.00	13.00	39.00	5.45	6.72
148	9.00	9.00	26.00	-9.80	1.51
149	15.00	9.00	32.00	3.01	1.37
150	5.00	9.00	21.00	-19.09	1.53
151	9.00	8.00	22.00	-9.62	0.14
152	10.00	8.00	27.00	-7.26	0.13

SAM NO	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM
153	5.00	10.00	23.00	-19.44	2.91
154	13.00	10.00	32.00	-2.28	2.73
155	14.00	7.00	34.00	2.76	-1.27
156	8.00	3.00	29.00	-9.39	-6.57
157	19.00	10.00	41.00	10.65	2.63
158	21.00	11.00	45.00	13.84	3.92
159	9.00	11.00	28.00	-11.74	4.11
160	15.00	9.00	37.00	2.30	1.35
161	17.00	16.00	40.00	3.18	10.71
162	15.00	9.00	37.00	2.42	1.35
163	13.00	12.00	34.00	-3.45	5.41
164	17.00	11.00	39.00	5.87	4.01
165	17.00	11.00	35.00	5.59	4.00
166	7.00	9.00	27.00	-14.75	1.49
167	11.00	9.00	26.00	-6.03	1.43
168	14.00	14.00	45.00	-2.08	8.09
169	17.00	13.00	42.00	4.89	6.69
170	8.00	9.00	26.00	-12.53	1.48
171	15.00	17.00	39.00	-1.76	12.07
172	9.00	10.00	32.00	-11.03	2.79
173	13.00	9.00	32.00	-1.72	1.39
174	14.00	8.00	33.00	0.44	0.02
175	12.00	6.00	24.00	-2.95	-2.63
176	5.00	7.00	28.00	-18.12	-1.17
177	6.00	15.00	28.00	-20.03	9.58
178	7.00	9.00	22.00	-14.83	1.48
179	14.00	12.00	31.00	-1.30	5.39
180	10.00	11.00	31.00	-9.57	4.10
181	18.00	13.00	39.00	6.96	6.67
182	20.00	8.00	37.00	13.25	-0.08
183	11.00	10.00	32.00	-6.73	2.76
184	15.00	14.00	39.00	-0.08	8.06
185	14.00	10.00	38.00	-0.55	2.70
186	12.00	12.00	35.00	-5.62	5.42
187	17.00	8.00	34.00	-1.46	0.04
188	23.00	10.00	41.00	19.85	2.58
189	9.00	6.00	29.00	-9.23	-2.58
190	10.00	11.00	29.00	-9.24	4.13
191	12.00	10.00	41.00	-4.58	2.74
192	17.00	10.00	38.00	7.28	2.70
193	9.00	13.00	32.00	-12.50	6.83
194	15.00	11.00	39.00	1.51	4.04
195	16.00	7.00	30.00	6.71	-1.32
196	10.00	8.00	29.00	-7.62	0.11
197	16.00	12.00	38.00	3.05	5.36
198	15.00	6.00	30.00	3.96	-2.67
199	11.00	10.00	32.00	-6.80	2.75
200	16.00	9.00	35.00	4.66	1.34
201	5.00	13.00	21.00	-21.24	6.85
202	16.00	7.00	26.00	5.28	-1.35
203	7.00	8.00	25.00	-14.29	0.15
204	13.00	17.00	42.00	-5.49	12.18
205	11.00	9.00	28.00	-5.64	1.45
206	12.00	9.00	25.00	-3.52	1.43
207	12.00	6.00	27.00	-1.81	-2.60
208	15.00	9.00	30.00	3.18	1.38
209	19.00	13.00	44.00	10.07	6.70
210	14.00	12.00	33.00	-0.43	5.44

SAM NO	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM
211	16.00	9.00	39.00	5.54	1.37
212	12.00	9.00	30.00	-3.80	1.42
213	10.00	8.00	30.00	-7.25	0.13
214	13.00	9.00	30.00	-1.35	1.41
215	16.00	8.00	30.00	5.11	-0.00
216	11.00	12.00	29.00	-7.44	5.47
217	12.00	9.00	31.00	-3.86	1.41
218	12.00	4.00	29.00	-1.05	-5.29
219	10.00	4.00	20.00	-5.30	-5.26
220	5.00	9.00	22.00	-19.12	1.52
221	16.00	10.00	39.00	4.38	2.69
222	14.00	16.00	44.00	-2.97	10.79
223	13.00	7.00	28.00	-0.96	-1.30
224	13.00	8.00	40.00	-1.03	0.06
225	6.00	14.00	26.00	-19.42	8.27
226	17.00	11.00	32.00	6.46	4.03
227	15.00	10.00	33.00	2.37	2.71
228	13.00	8.00	27.00	-0.94	0.06
229	13.00	16.00	42.00	-5.08	10.82
230	8.00	11.00	35.00	-13.45	4.18
231	8.00	10.00	25.00	-12.99	2.83
232	12.00	6.00	27.00	-2.09	-2.61
233	10.00	5.00	35.00	-7.99	1.46
234	5.00	17.00	31.00	-20.59	5.58
235	11.00	9.00	30.00	-5.81	1.44
236	12.00	12.00	34.00	-5.33	5.45
237	10.00	8.00	28.00	-7.55	0.11
238	13.00	9.00	38.00	-1.61	1.40
239	7.00	10.00	24.00	-15.23	2.84
240	10.00	13.00	30.00	-10.21	6.83
241	13.00	19.00	46.00	-6.71	14.85
242	9.00	9.00	26.00	-10.40	1.46
243	9.00	7.00	28.00	-9.04	-1.20
244	13.00	16.00	38.00	-4.70	10.86
245	11.00	10.00	31.00	-6.51	2.77
246	10.00	8.00	31.00	-7.35	0.12
247	12.00	10.00	38.00	-4.16	2.77
248	11.00	10.00	32.00	-6.66	2.76
249	10.00	6.00	27.00	-5.95	-2.55
250	23.00	14.00	54.00	17.70	7.95
251	17.00	7.00	31.00	8.33	-1.35
252	14.00	9.00	34.00	0.75	1.39
253	11.00	8.00	30.00	-5.52	0.09
254	11.00	11.00	38.00	-7.12	4.11
255	12.00	8.00	33.00	-3.28	0.07
256	10.00	12.00	32.00	-9.93	5.46
257	11.00	7.00	33.00	-5.09	-1.26
258	11.00	7.00	27.00	-4.77	-1.25
259	10.00	7.00	30.00	-6.84	-1.22
260	12.00	13.00	42.00	-5.88	6.79
261	9.00	8.00	27.00	-9.60	0.14
262	12.00	5.00	31.00	-1.42	-3.95
263	7.00	12.00	28.00	-16.37	5.51
264	11.00	11.00	31.00	-6.96	4.12
265	15.00	12.00	35.00	0.89	5.38
266	8.00	15.00	35.00	-15.67	9.54
267	9.00	6.00	21.00	-8.58	-2.55
268	18.00	13.00	39.00	7.35	6.69

SAM NO	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM
269	11.00	10.00	30.00	-6.51	2.77
270	8.00	6.00	24.00	-10.90	-2.54
271	8.00	7.00	22.00	-11.49	-1.20
272	14.00	8.00	32.00	1.00	0.04
273	8.00	7.00	18.00	-11.55	-1.21
274	14.00	17.00	35.00	-3.71	12.11
275	11.00	6.00	30.00	-4.24	-2.59
276	13.00	9.00	36.00	-1.36	1.41
277	8.00	15.00	35.00	-15.63	9.55
278	14.00	10.00	30.00	0.57	2.75
279	19.00	8.00	36.00	12.22	-0.04
280	15.00	9.00	29.00	4.13	1.41
281	18.00	6.00	30.00	11.49	-2.70
282	8.00	11.00	23.00	-13.66	4.16
283	16.00	8.00	30.00	5.35	0.00
284	6.00	11.00	24.00	-17.81	4.23
285	17.00	4.00	36.00	9.31	-5.38
286	11.00	18.00	40.00	-10.79	13.50
287	14.00	8.00	34.00	0.89	0.03
288	10.00	14.00	33.00	-10.71	8.17
289	12.00	12.00	32.00	-5.45	5.44
290	18.00	11.00	43.00	8.32	4.00
291	13.00	9.00	36.00	-1.58	1.40
292	13.00	9.00	27.00	-1.76	1.39
293	9.00	13.00	33.00	-12.08	6.89
294	10.00	14.00	34.00	-10.71	8.17
295	12.00	7.00	24.00	-3.09	-1.28
296	13.00	10.00	30.00	-2.48	2.72
297	16.00	6.00	30.00	6.62	-2.68
298	16.00	7.00	32.00	6.15	-1.33

ID: WIPES

USER: 3

COMMENT: WIPES

15 OCT 2002 17:37

RESET TIME : 1.00
 DATA CALC : DL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : EDIT
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : EDIT
 TWO PHASE : NO ADC : 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: 1.0000 BKG. SUB: 0
 ISOTOPE 2: 14C %ERROR: 2.00 FACTOR: 1.0000 BKG. SUB: 0
 WIDE OPEN WINDOW %ERROR: 0.00 FACTOR: 1.0000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: Off

Quench Limits Low: 13.688 High: 306.34

SAM NO	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM		
B1	16.00	6.00	29.00	30.94	7.77		
	Blank Average		DPM for	3H :	30.94	COEF. OF VAR:	0.000
	Blank Average		DPM for	14C :	7.77	COEF. OF VAR:	0.000
<i>1</i>	10.00	16.00	36.00	-17.84	13.49		
<i>2</i>	73.00	85.00	167.00	84.64	105.22		
<i>3</i>	20.00	28.00	58.00	-2.77	29.38		
<i>4</i>	17.00	18.00	43.00	-3.98	16.05		
<i>5</i>	15.00	16.00	38.00	-7.43	13.39		
<i>6</i>	5.00	7.00	20.00	-23.76	1.54		
<i>7</i>	15.00	11.00	43.00	-4.54	6.72		
<i>8</i>	10.00	10.00	33.00	-14.91	5.44		
<i>9</i>	16.00	19.00	44.00	-6.31	17.44		
<i>10</i>	10.00	16.00	43.00	-17.86	13.49		
<i>11</i>	6.00	10.00	25.00	-23.33	5.52		

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ID: WIPES

17 OCT 2002 12:29

USER: 3 COMMENT: WIPES
 RESET TIME : 1.00
 DATA CALC : DL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : EDIT
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : EDIT
 TWO PHASE : NO AQC : 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: 1.0000 BKG. SUB: 0
 ISOTOPE 2: 14C %ERROR: 2.00 FACTOR: 1.0000 BKG. SUB: 0
 WIDE OPEN WINDOW %ERROR: 0.00 FACTOR: 1.0000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: Off

Quench Limits Low: 13.688 High: 306.34

SAM NO	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM		
B1	14.00	9.00	39.00	25.70	11.84		
	Blank Average		DPM for	3H :	25.70	COEF. OF VAR:	0.000
	Blank Average		DPM for	14C :	11.84	COEF. OF VAR:	0.000
<i>310</i>	13.00	9.00	37.00	-3.39	-0.04		