

Radiological Survey Sheet

Job Location 118 B/B212 Page 1 of 28
 Survey Purpose LAB CLOSE OUT Date 11-10-00
 Performed By EGAILOR (Print) E. Gailor (Sign)

Inst.(1) Beckman LS 6500 (Model/SN) #7069448	Inst.(2) Ludlum 2241-2 (Model/SN) #163603	Inst.(3) (Model/SN)
Det. Internal (Model/SN)	Det. Ludlum 43-68 (Model/SN) #149613	Det. (Model/SN)
Eff. See LSC Printout	Eff. $\approx 8\%$	Eff.
Type rad. β	Type rad. β	Type rad.
Bkgd. See LSC Printout	Bkgd. 300cpm	Bkgd.
Cal. Due: 12/00	Cal. Due 2/13/01	Cal. due

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
1.	1437	DOOR HANDLE	1	See attached LSC Printout
2.		FLOOR	1	
3.		UPPER WALL	1	
4.		LOWER "	1	
5.		COUNTER	1	
6.		UPPER WALL	1	
7.		LOWER "	1	
8.		WALL UNDER CABS.	1	
9.		CAB. HANDLS & DOORS	1	
10.		TOP SHELF	1	
11.		2ND "	1	
12.		3RD "	1	
13.		BOTTOM "	1	
14.		CAB. HANDLS & DOORS	1	
15.		TOP SHELF	1	
16.		2ND "	1	
17.		3RD "	1	
18.		BOTTOM "	1	

Radiological Survey Continuation Sheet

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Date 11-10-06

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
19	1437	TOP SHELF	1	See attached LSC Printout
20		MIDDLE "	1	
21		BOTTOM "	1	
22		WALL BETWEEN MIDDLE & BOTTOM SHELVES	1	
23		PEG BOARD	1	
24		BEHIND SINK	1	
25		INSIDE SINK	1	
26		COUNTER	1	
27		COUNTER	1	
28		CUP	1	✓ (see #362)
29		COUNTER	1	
30		FLOOR UNDER COUNTER	1	
31		DRAWERS & HANDLS	1	
32		TOP DRAWER	1	
33		2ND "	1	
34		3RD "	1	
35		BOTTOM "	1	
36		DRAWER & HANDL	1	
37		DRAWER	1	
38		DRAWERS & HANDLS	1	
39		TOP DRAWER	1	
40		2ND "	1	
41		3RD "	1	
42		BOTTOM "	1	
43		CABINETS & HANDLS	1	
44		BACK OF CAB.	1	
45		RIGHT SIDE "	1	
46		LEFT " " "	1	✓

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Date 11-10-08

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
47	1437	BOTTOM OF CAB	1	See attached LSC Printout
48		SINK LEDGE	1	
49		FLOOR	1	
50		FLOOR	1	
51		FLOOR	1	
52		SIDE OF BENCHES	1	
53		UPPER WALL	1	
54		LOWER "	1	
55		UPPER "	1	
56		LOWER "	1	
57		STOOL	1	
58		FLOOR	1	
59		FLOOR UNDER DESK	1	
60		DESK TOP	1	
61		DESK DRAWER & HANDLS	1	
62		TOP DRAWER	1	
63		MIDDLE "	1	
64		BOTTOM "	1	
65		FLOOR	1	
66		FLOOR	1	
67		SIDE OF BENCHES	1	
68		FLOOR	1	
69		FLOOR	1	
70		FLOOR	1	
71		FLOOR	1	
72		FLOOR	1	
73		UPPER WALL	1	
74	✓	LOWER WALL	1	✓

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Date 11-10-00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
75	1432	WALL	1	See attached LSC Printout
76		WALL	1	
77		TOP SHELF	1	
78		BOTTOM "	1	
79		DESK TOP	1	
80		DRAWER & HANDLS	1	
81		FLOOR	1	
82		CAB. TOP	1	
83		CAB. DOORS & HANDLS	1	
84		TOP DRAWER	1	
85		2ND "	1	
86		3RD "	1	
87		BOTTOM "	1	
88		CAB DOORS & HANDLS	1	
89		TOP DRAWER	1	
90		2ND "	1	
91		3RD "	1	
92		4TH "	1	
93		5TH "	1	
94		BOTTOM "	1	
95		DESK	1	
96		DESK	1	
97		FLOOR	1	
98		CAB DOORS & HANDLS	1	
99		TOP SHELF	1	
101		2ND "	1	
101		3RD "	1	
102	✓	EX-F 4TH "	1	✓

Radiological Survey Continuation Sheet

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Date 11-10-00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
103	1437	BOTTOM SHELF	1	See attached LSC Printout
104		TABLE TOP	1	
105		DRAWER & HNDL	1	
106		DRAWER	1	
107		FLOOR UNDER TABLE	1	
108		1 STOOL	1	
109		FLOOR	1	
110	0730	UPPER WALL	1	
111		LOWER "	1	
112		CAB. DOORS & HNDLS	1	
113		TOP SHELF	1	
114		2ND "	1	
115		3RD "	1	
116		BOTTOM "	1	
117		LEDGE	1	
118		SHELF	1	
119		TOP SHELF	1	
120		MIDDLE "	1	
121		BOTTOM "	1	
122		DESK	1	
123		FLOOR UNDER DESK	1	
124		DRAWERS & HNDLS	1	
125		TOP DRAWER	1	
126		MIDDLE "	1	
127		BOTTOM "	1	
128		DRAWER & HNDL	1	
129		DRAWER	1	
130		DRAWERS & HNDLS	1	

11-13-00

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Date 11-13-00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
131	0730	TOP DRAWER	1	See attached LSC Printout
132		2ND "	1	
133		3RD "	1	
134		BOTTOM "	1	
135		DRAWERS & HANDLS	1	
136		TOP DRAWER	1	
137		2ND "	1	
138		3RD "	1	
139		BOTTOM "	1	
140		DRAWER & HANDL	1	
141		DRAWER	1	
142		DRAWER & HANDL	1	
143		DRAWER	1	
144		DRAWERS & HANDLS	1	
145		TOP DRAWER	1	
146		2ND "	1	
147		3RD "	1	
148		BOTTOM "	1	
149		STOOL	1	
150		FLOOR	1	
151		"	1	
152		"	1	
153		CUP	1	
154		CUP	1	
155		TOP SHELF	1	
156		2ND SHELF	1	
157		BOTTOM "	1	
158	✓	TOP SHELF	1	↓

Radiological Survey Continuation Sheet

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Date 11-12-06

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
159	0730	2nd SHELF	1	See attached LSC Printout
160		BOTTOM "	1	
161		COUNTER	1	
162		"	1	
163		"	1	
164		"	1	
165		"	1	
166		FLOOR UNDER COUNTER	1	
167		" " "	1	
168		COUNTER	1	
169		"	1	
170		"	1	
171		FLOOR UNDER COUNTER	1	
172		" " "	1	
173		TOP DRAWER & HNDL	1	
174		DRAWER	1	
175		CAB. DOORS & HNDLS	1	
176		TOP SHELF	1	✓ (See #363)
177		BOTTOM "	1	✓ (See #364)
178		DRAWER & HNDL	1	
179		DRAWER	1	
180		DRAWERS & HNDLS	1	
181		TOP DRAWER	1	
182		2nd "	1	
183		3rd "	1	
184		BOTTOM "	1	
185		DRAWER & HNDL	1	
186	✓	DRAWER	1	✓

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Date 11-13-00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
187	0730	DRAWERS & HANDLS	1	See attached LSC Printout
188		TOP DRAWER	1	
189		2ND "	1	
190		3RD "	1	
191		BOTTOM "	1	
192		TOP SHELF	1	
193		BOTTOM "	1	
194		DESIC	1	
195		DRAWER & HANDL	1	
196		DRAWER	1	
197		DRAWERS & HANDLS	1	
198		TOP DRAWER	1	
199		MIDDLE "	1	
200		BOTTOM "	1	
201		CAB. DOORS & HANDLS	1	
202		TOP SHELF	1	
203		MIDDLE "	1	
204		BOTTOM "	1	
205		TOP SHELF CAB. DOORS & HANDLS	1	
206		2ND EDGE TOP SHELF	1	(See # 365)
207		EDGE " 2ND "	1	
208		BOTTOM EDGE " 3RD "	1	
209		BOTTOM "	1	
210		CAB. DOORS & HANDLS	1	
211		TOP SHELF	1	
212		MIDDLE "	1	
213		BOTTOM "	1	
214		WALL UNDER CABINETS	1	

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Date 11-13-00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
215	0730	LEDGE	1	See attached LSC Printout
216		LOWER WALL	1	
217		STOOL	1	
218		DRAWERS & HANDLS	1	
219		TOP DRAWER	1	
220		MIDDLE "	1	
221		BOTTOM "	1	
222		DRAWER & HANDL	1	
223		DRAWER	1	
224		SHELF	1	
225		TOP "	1	
226		MIDDLE "	1	
227		BOTTOM "	1	
228		DESK	1	
229		DRAWERS & HANDLS	1	
230		TOP DRAWER	1	
231		2ND "	1	
232		3RD "	1	
233		BOTTOM "	1	✓ (see # 366)
234		DRAWERS & HANDLS	1	
235		TOP DRAWER	1	
236		2ND "	1	
237		3RD "	1	
238		BOTTOM "	1	
239		DRAWER & HANDL	1	
240		DRAWER	1	
241		DRAWERS & HANDLS	1	
242	✓	TOP DRAWER	1	✓

Radiological Survey Continuation Sheet

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Date 11-13-00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
243	6730	2ND DRAWER	1	See attached LSC Printout
244		3RD "	1	
245		BOTTOM "	1	
246		DRAWERS & HANDLS	1	
247		TOP DRAWER	1	
248		2ND "	1	
249		3RD "	1	
250		BOTTOM "	1	
251		CHAIR	1	
252		FLOOR	1	
253		"	1	
254		"	1	
255		TOP SHELF	1	
256		MIDDLE "	1	
257		BOTTOM "	1	
258		TOP "	1	
259		MIDDLE "	1	
260		BOTTOM "	1	
261		CUP	1	
262		CUP	1	✓ (See # 367)
263		FLOOR UNDER COUNTER	1	
264		COUNTER	1	
265		"	1	✓ (See # 368)
266		"	1	
267		"	1	
268		"	1	
269		"	1	
270	✓	"	1	✓

Radiological Survey Continuation Sheet

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Date 11-13-00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
271	0730	TOP SHELF	1	See attached LSC Printout
272		MIDDLE "	1	
273		BOTTOM "	1	
274		SHELF	1	
275		DESK	1	
276		CAB. DOORS & HANDLS	1	
277		TOP SHELF	1	
278		2ND "	1	
279		3RD "	1	
280		BOTTOM "	1	
281		CAB. DOORS & HANDLS	1	
282		TOP SHELF	1	
283		MIDDLE "	1	
284		BOTTOM "	1	
285		DRAWERS & HANDLS	1	
286		TOP DRAWER	1	
287		MIDDLE "	1	
288		BOTTOM "	1	
289		DRAWER & HANDL	1	
290		DRAWER	1	
291		CHAIR	1	
292		DRAWERS & HANDLS	1	
293		TOP DRAWER	1	
294		2ND "	1	
295		3RD "	1	
296		BOTTOM "	1	
297		DRAWER & HANDL	1	
298	✓	DRAWER	1	✓

Radiological Survey Continuation Sheet

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Date 11-13-00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
299	0730	FLOOR UNDER COUNTER	1	See attached LSC Printout
300		" " "	1	
301		DRAWERS & HANDLS	1	
302		TOP DRAWER	1	
303		2ND "	1	
304		3RD "	1	
305		BOTTOM "	1	
306		DRAWER & HANDL	1	
307		DRAWER	1	
308		TOP DRAWER	1	
309		DRAWER	1	
310		CAB. DOORS & HANDLS	1	
311		TOP SHELF	1	
312		BOTTOM "	1	
313		WALL BELOW CABINETS	1	
314		LEDGE	1	
315		LOWER WALL	1	
316		UPPER WALL	1	
317		LOWER "	1	
318		HOOD UPPER LEFT VENT	1	✓ (see # 369)
319		" " RIGHT VENT	1	✓ (see # 370)
320		" " LEFT ^{SLANTED} SECTION	1	
321		" " RIGHT ^{SLANTED} SECTION	1	
322		" " LEFT MIDDLE SECTION	1	
323		" " RIGHT MIDDLE "	1	
324		" " LOWER LEFT VENT	1	✓ (see # 371)
325		" " LOWER LEFT SECTION	1	
326	✓	" " RIGHT VENT	1	✓

Radiological Survey Continuation Sheet

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Date 11/4/00

11/4/00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
327	0730	LOWER RIGHT SECTION	1	See attached LSC Printout
328		UPPER LEFT SIDE OF HOOD	1	
329		LOWER " " " "	1	
330		UPPER RIGHT " " "	1	
331		LOWER " " " "	1	
332		BOTTOM LEFT SIDE OF HOOD	1	✓ (see #372)
333		CUP	1	✓ (see #373)
334		BOTTOM RIGHT SIDE OF HOOD	1	
335		HOOD INSIDE GLASS & SASH	1	
336		" OUTSIDE " " "	1	
337		HOOD LIP	1	
338		LEFT CAB. DOORS & HANDLS	1	
339		INSID ^E LEFT SIDE OF CAB	1	
340		BACK OF CAB	1	
341		RIGHT SIDE OF CAB	1	
342		BOTTOM OF CAB.	1	
343		RIGHT CAB. DOORS & HANDLS	1	
344		LEFT SIDE OF CAB	1	
345		BACK HIGH EA " "	1	
346		RIGHT " " "	1	
347		BOTTOM " "	1	
348		FLOOR	1	
349		"	1	
350		"	1	
351		CHAIR	1	
352		ES ^E UPPER UPPER side OF HOOD	1	
353		LOWER " " "	1	
354	✓	UPPER WALL	1	↓

Radiological Survey Continuation Sheet

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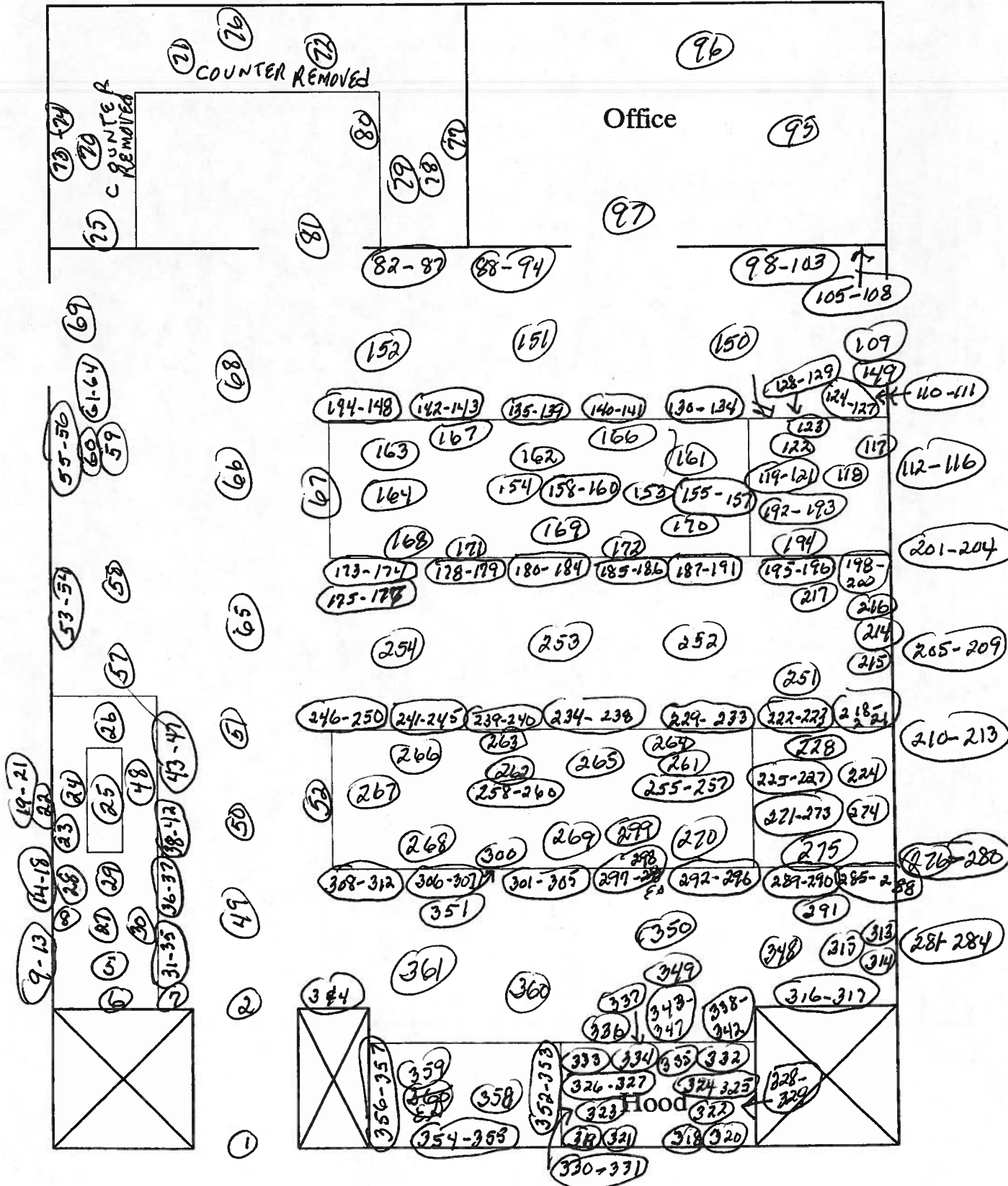
Date 11/14/00

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm ²)
355	0730	LOWER WALL	1	See attached LSC Printout
356		UPPER WALL	1	
357		LOWER WALL	1	
358		FLOOR	1	
360		FLOOR FS	1	
359		FLOOR	1	
360		"	1	
361		"	1	
362		post decm #28	1	
363		#176	1	
364		#177 bottom shelf	1	✓ (see # 374)
365		#206	1	
366		#233	1	
367		#262 cup	1	✓ (see # 375)
368		#265	1	
369		#318	1	
370		#319	1	
371		#324	1	
372		#332	1	
373		↓ #333 cup	1	✓ (see # 376)
374		post decm #177	1	
375		" " #262	1	✓ (see # 377)
376		" " #333	1	✓ (see # 378)
11/15/00 377	1320	post decm #375	1	
378		#376	1	✓ radiometer
379		post decm spot ①	1	
380		" " " ②	1	
381		" " " ③	1	↓

Bld. 118B Room B212

Date: 11-10-00

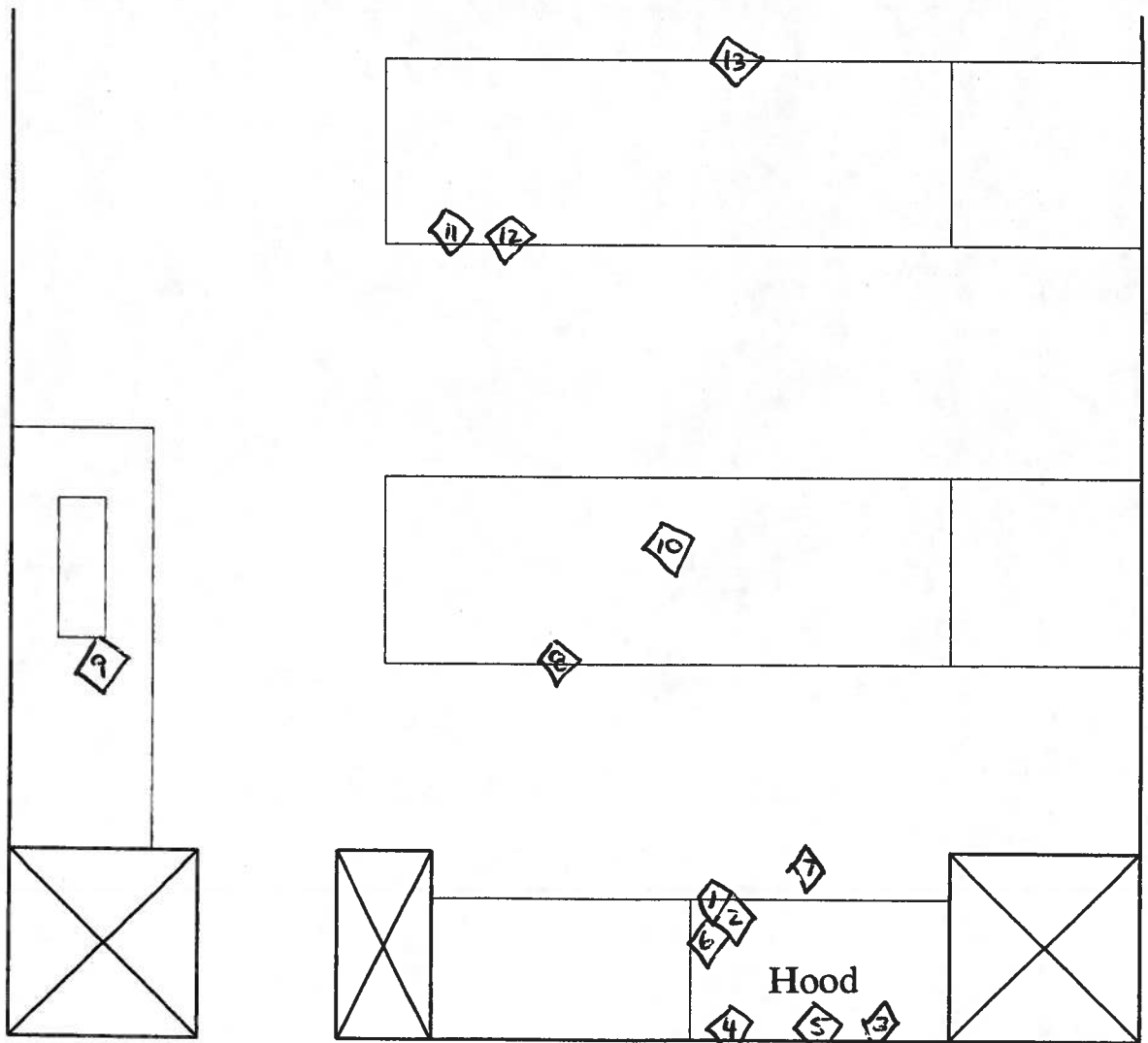
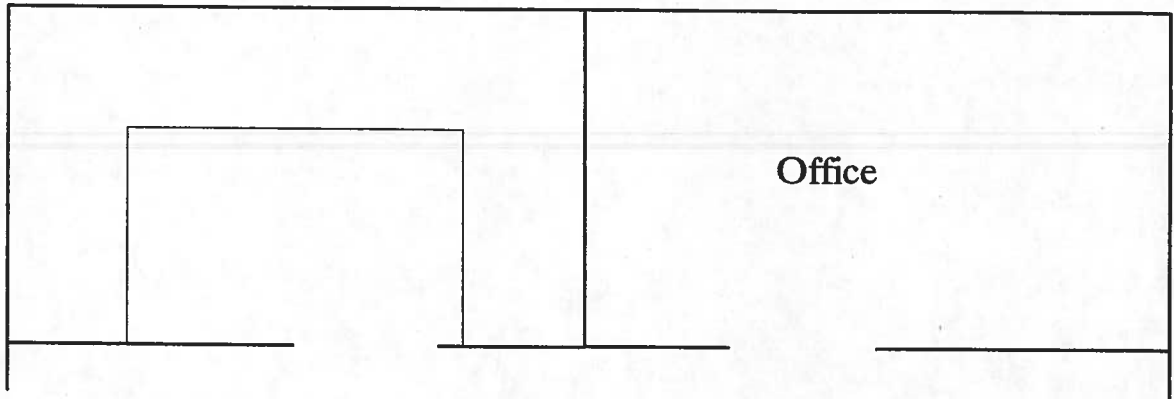
○ 2 w. 1st LOCATION



Bld. 118B Room B212

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Date: 11/15/00



◇ = contaminated areas by SCAM

Surveyed approximately 100% of lower surfaces using instrument #2. All surfaces surveyed were noted to be at normal background levels, with the following thirteen (13) exceptions:

1. The hood ledge was noted to be contaminated to a level of 1,361 cpm (13,263 dpm/100 cm²). This area was decontaminated to normal background levels.
2. The right hood counter front was noted to be contaminated to a level of 1,142 cpm (10,525 dpm/100 cm²). This area was decontaminated to normal background levels.
3. The left hood counter back was noted to be contaminated to a level of 1,243 cpm (11,788 dpm/100 cm²). This area was cut out and disposed of as radioactive waste.
4. The hood cup sink was noted to be contaminated to a level of 4,911 cpm (57,638 dpm/100 cm²). This area was cut out and disposed of as radioactive waste.
5. The hood counter back was noted to be contaminated to a level of 700 cpm (5,000 dpm/100 cm²). This area was cut out and disposed of as radioactive waste.
6. The right wall of the hood was noted to be contaminated to a level of 1,522 cpm (15,275 dpm/100 cm²). This area was decontaminated to normal background levels.
7. The floor mat in front of the hood was noted to be contaminated to a level of 2,477 cpm (27,213 dpm/100 cm²). This area was cut out and disposed of as radioactive waste.
8. The drawer-front and counter-edge were noted to be contaminated to a level of 4,685 cpm (54,813 dpm/100 cm²). These areas were decontaminated to normal background levels.
9. The counter bay the sink was noted to be contaminated to a level of 12,943 cpm (158,038 dpm/100 cm²). This area was cut out and disposed of as radioactive waste.
10. The counetr sections was noted to be contaminated to a level of 5,058 cpm (59,475 dpm/100 cm²). This area was cut out and disposed of as radioactive waste.
11. The top cabinet shelf was noted to be contaminated to a level of 1,172 cpm (10,900 dpm/100 cm²). This area was decontaminated to normal background levels.
12. The bottom cabinet shelf was noted to be contaminated to a level of 976 cpm (8,450 dpm/100 cm²). This area was decontaminated to normal background levels.
13. The edge of the counter was noted to be contaminated to a level of 8,119 cpm (97,738 dpm/100 cm²). This area was decontaminated to normal background levels.

ID: EQUIPMENT SURVY

13 NOV 2000 07:02

USER: 3 COMMENT:
 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: 1.000000 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	87.4	14.00	16.00	41.00	20.24	21.47	1.37
1	83.5	22.00	9.00	39.00	19.23	-9.59	1.04
2	93.8	22.00	9.00	39.00	21.27	-9.53	5.56
3	85.2	19.00	9.00	40.00	13.48	-9.54	1.33
4	90.5	18.00	9.00	32.00	12.30	-9.50	3.01
5	93.4	39.00	9.00	55.00	56.96	-9.75	0.91
6	84.5	24.00	12.00	45.00	21.89	-5.55	0.74
7	86.7	24.00	13.00	48.00	21.83	-4.19	0.95
8	84.7	19.00	6.00	34.00	14.94	-13.60	1.52
9	84.9	23.00	14.00	46.00	18.95	-2.84	0.94
10	95.2	22.00	18.00	50.00	16.66	2.70	6.73
11	92.4	25.00	14.00	50.00	24.57	-2.80	0.86
12	88.9	19.00	9.00	34.00	14.09	-9.52	1.74
13	98.3	18.00	16.00	45.00	9.71	0.07	17.10
14	89.8	18.00	11.00	38.00	11.13	-6.79	1.39
15	94.8	21.00	13.00	41.00	17.19	-4.08	1.49
16	86.8	19.00	4.00	31.00	16.35	-16.29	2.07
17	88.6	25.00	10.00	46.00	25.83	-8.24	0.86
18	90.3	26.00	8.00	42.00	29.35	-10.95	1.71
19	113.3	25.00	15.00	48.00	29.31	-1.24	1.97
20	119.0	35.00	18.00	62.00	53.38	2.80	1.77
21	89.0	24.00	14.00	43.00	21.78	-2.81	2.28
22	83.2	30.00	11.00	51.00	34.14	-6.98	1.12
23	86.0	13.00	8.00	34.00	1.97	-10.82	1.24
24	86.4	20.00	8.00	43.00	16.23	-10.90	1.75
25	85.4	27.00	8.00	44.00	30.19	-10.99	0.87
26	85.2	19.00	11.00	34.00	12.46	-6.84	1.73
27	85.6	25.00	10.00	42.00	25.17	-8.26	5.97
28	89.3	37.00	50.00	93.00	29.66	45.77	0.63
29	89.4	16.00	6.00	31.00	9.57	-13.54	1.23
30	103.6	18.00	8.00	34.00	15.15	-10.79	2.54
31	89.1	28.00	10.00	44.00	32.12	-8.28	1.16
32	90.9	24.00	12.00	47.00	23.22	-5.51	1.00
33	89.2	20.00	17.00	45.00	12.00	1.30	1.71
34	85.4	19.00	8.00	37.00	14.03	-10.89	1.35
35	102.4	19.00	11.00	45.00	15.43	-6.72	1.85
36	88.2	23.00	16.00	47.00	18.52	-0.10	1.62
37	95.1	20.00	15.00	41.00	14.03	-1.35	2.41
38	87.0	22.00	10.00	44.00	19.38	-8.22	0.77

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
39	85.5	26.00	4.00	37.00	30.25	-16.38	4.48
40	92.3	19.00	11.00	42.00	13.61	-6.79	1.47
41	87.5	15.00	4.00	25.00	8.31	-16.24	3.02
42	85.9	19.00	12.00	42.00	12.05	-5.48	1.95
43	90.4	25.00	8.00	45.00	27.30	-10.94	1.16
44	85.5	24.00	14.00	48.00	21.07	-2.84	1.95
45	89.1	30.00	16.00	58.00	33.08	-0.18	0.95
46	83.2	17.00	9.00	35.00	9.17	-9.53	2.07
47	113.9	20.00	7.00	33.00	22.60	-12.14	4.50
48	82.1	21.00	10.00	38.00	16.48	-8.23	1.20
49	95.1	25.00	9.00	40.00	27.93	-9.56	1.93
50	92.5	12.00	12.00	33.00	-1.55	-5.34	1.97
51	90.0	29.00	12.00	53.00	33.38	-5.57	0.80
52	87.9	17.00	13.00	42.00	7.75	-4.09	1.79
53	88.0	28.00	10.00	51.00	31.85	-8.28	1.39
54	86.5	15.00	8.00	35.00	6.09	-10.84	1.86
55	90.3	19.00	8.00	33.00	14.87	-10.87	1.60
56	88.2	20.00	12.00	38.00	14.45	-5.48	2.15
57	85.9	19.00	13.00	44.00	11.54	-4.13	1.45
58	100.3	18.00	16.00	51.00	10.03	0.09	3.34
59	95.4	30.00	10.00	47.00	38.09	-8.27	2.19
60	95.9	10.00	11.00	30.00	-4.96	-6.65	4.32
61	96.6	15.00	12.00	40.00	5.24	-5.35	1.79
62	87.3	19.00	14.00	39.00	11.24	-2.77	1.70
63	84.8	15.00	8.00	36.00	5.88	-10.85	1.97
64	91.5	22.00	8.00	38.00	21.32	-10.90	1.22
65	87.4	19.00	13.00	42.00	11.76	-4.12	0.84
66	87.5	18.00	13.00	36.00	9.75	-4.11	1.57
67	85.0	19.00	12.00	41.00	11.92	-5.49	1.19
68	84.5	26.00	11.00	45.00	26.44	-6.93	0.91
69	92.5	27.00	7.00	45.00	32.55	-12.31	1.41
70	103.8	26.00	15.00	51.00	28.95	-1.34	1.30
71	98.4	20.00	10.00	42.00	17.40	-8.12	1.95
72	93.0	21.00	6.00	37.00	20.61	-13.59	1.86
73	89.6	16.00	8.00	31.00	8.55	-10.83	2.76
74	100.5	20.00	12.00	44.00	16.69	-5.38	1.73
75	87.1	18.00	5.00	31.00	13.84	-14.93	3.07
76	87.6	9.00	8.00	29.00	-6.03	-10.76	2.69
77	92.7	21.00	9.00	42.00	18.94	-9.53	1.05
78	90.3	18.00	14.00	43.00	9.61	-2.73	1.00
79	88.6	20.00	8.00	37.00	16.63	-10.89	2.48
80	88.6	21.00	7.00	37.00	19.21	-12.25	2.50
81	96.3	24.00	11.00	43.00	24.99	-6.83	2.12
82	90.6	19.00	16.00	42.00	10.67	-0.03	1.68
83	91.0	28.00	18.00	55.00	28.36	2.58	0.82
84	84.5	23.00	14.00	54.00	18.87	-2.84	0.84
85	89.1	19.00	19.00	47.00	8.87	4.02	1.30
86	92.0	8.00	8.00	30.00	-7.81	-10.72	1.66
87	94.0	23.00	14.00	49.00	20.71	-2.76	0.99
88	84.1	25.00	15.00	54.00	22.29	-1.52	1.17
89	92.0	20.00	10.00	42.00	16.19	-8.16	1.95
90	87.0	27.00	10.00	43.00	29.56	-8.28	4.00
91	94.8	19.00	15.00	45.00	11.86	-1.34	1.48
92	91.3	24.00	12.00	46.00	23.32	-5.50	1.42
93	90.3	20.00	8.00	37.00	16.94	-10.88	2.41
94	90.7	22.00	9.00	34.00	20.63	-9.55	1.31
95	77.7	21.00	9.00	41.00	16.22	-9.61	0.68
96	78.5	19.00	12.00	45.00	10.96	-5.54	0.66

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
97	81.2	27.00	8.00	41.00	29.21	-11.01	0.86
98	87.7	20.00	11.00	43.00	14.90	-6.83	1.35
99	82.6	16.00	8.00	34.00	7.61	-10.87	1.45
100	90.6	21.00	6.00	31.00	20.13	-13.60	2.48
101	87.7	19.00	13.00	45.00	11.81	-4.12	1.42
102	87.5	19.00	11.00	37.00	12.82	-6.82	1.03
103	87.0	28.00	14.00	50.00	29.51	-2.88	0.95
104	91.0	16.00	13.00	42.00	6.09	-4.05	2.67
105	79.5	20.00	9.00	39.00	14.57	-9.58	1.32
106	78.5	22.00	18.00	47.00	13.88	2.50	1.03
107	80.2	25.00	6.00	38.00	26.03	-13.68	2.40
108	79.1	15.00	14.00	40.00	2.22	-2.79	1.14
109	77.1	16.00	9.00	33.00	6.42	-9.55	2.18
110	83.3	27.00	10.00	44.00	28.69	-8.30	2.70
111	79.8	22.00	10.00	52.00	18.05	-8.26	4.34
112	80.0	22.00	12.00	42.00	17.09	-5.56	3.89
113	84.9	16.00	10.00	35.00	6.88	-8.16	5.74
114	83.4	24.00	6.00	45.00	24.74	-13.66	14.46
115	85.5	18.00	10.00	41.00	11.01	-8.18	5.01
116	84.8	18.00	12.00	42.00	9.87	-5.48	5.38
117	81.9	21.00	7.00	32.00	17.94	-12.28	5.71
118	85.3	28.00	13.00	53.00	29.62	-4.25	3.37
119	81.8	31.00	6.00	46.00	38.28	-13.75	4.77
120	86.4	18.00	13.00	46.00	9.58	-4.11	3.80
121	84.9	23.00	12.00	45.00	19.96	-5.54	4.04
122	76.5	18.00	13.00	42.00	8.26	-4.20	3.78
123	96.8	18.00	9.00	33.00	13.35	-9.46	11.86
124	87.3	22.00	12.00	43.00	18.39	-5.51	3.94
125	82.5	25.00	12.00	46.00	23.50	-5.58	5.77
126	80.1	14.00	4.00	27.00	5.34	-16.25	3.99
127	86.3	23.00	10.00	47.00	21.27	-8.23	2.64
128	83.3	19.00	8.00	36.00	13.69	-10.90	2.76
129	82.6	24.00	10.00	42.00	22.54	-8.27	20.10
130	83.5	25.00	7.00	37.00	26.24	-12.32	6.51
131	83.1	18.00	9.00	33.00	11.16	-9.54	5.02
132	80.8	17.00	11.00	42.00	7.85	-6.85	2.85
133	83.8	18.00	6.00	38.00	12.79	-13.59	4.31
134	82.2	20.00	6.00	34.00	16.52	-13.62	4.52
135	83.7	24.00	7.00	36.00	24.29	-12.31	4.01
136	81.0	23.00	14.00	44.00	18.24	-2.87	2.79
137	81.8	20.00	17.00	48.00	10.91	1.22	4.49
138	79.9	20.00	7.00	38.00	15.63	-12.28	2.43
139	82.3	21.00	8.00	39.00	17.52	-10.93	6.08
140	82.0	18.00	9.00	37.00	11.00	-9.55	3.06
141	80.8	23.00	7.00	41.00	21.70	-12.31	4.32
142	82.2	21.00	15.00	50.00	13.97	-1.49	4.29
143	93.0	17.00	13.00	41.00	8.45	-4.05	3.71
144	88.3	30.00	8.00	44.00	37.08	-11.01	3.89
145	85.2	22.00	8.00	37.00	20.06	-10.93	4.34
146	85.9	23.00	7.00	40.00	22.73	-12.29	3.90
147	85.3	14.00	7.00	26.00	4.44	-12.18	3.97
148	88.9	23.00	8.00	39.00	22.85	-10.92	3.52
149	80.4	32.00	14.00	55.00	35.88	-2.98	2.41
150	86.6	23.00	8.00	45.00	22.36	-10.93	4.97
151	83.3	27.00	10.00	46.00	28.69	-8.30	2.45
152	88.1	18.00	10.00	37.00	11.40	-8.16	4.82
153	98.5	33.00	29.00	70.00	34.94	17.57	6.42
154	93.8	29.00	10.00	51.00	35.49	-8.26	7.03

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
155	107.1	16.00	10.00	35.00	10.14	-8.01	12.36
156	128.7	20.00	22.00	52.00	16.48	8.70	8.16
157	83.9	20.00	14.00	46.00	12.74	-2.81	4.13
158	96.1	22.00	10.00	38.00	21.22	-8.16	9.73
159	121.2	26.00	16.00	50.00	33.49	0.21	9.02
160	84.8	18.00	17.00	43.00	7.32	1.27	2.19
161	80.9	26.00	12.00	45.00	25.15	-5.60	2.24
162	82.1	29.00	9.00	47.00	32.90	-9.68	2.92
163	89.9	18.00	9.00	36.00	12.20	-9.50	4.62
164	84.3	18.00	8.00	37.00	11.84	-10.88	2.26
165	89.3	26.00	9.00	40.00	28.60	-9.60	4.90
166	100.1	29.00	14.00	51.00	35.11	-2.78	3.54
167	84.3	26.00	12.00	47.00	25.87	-5.58	3.90
168	83.5	23.00	9.00	40.00	21.22	-9.60	3.55
169	85.4	15.00	8.00	37.00	5.95	-10.84	2.42
170	112.8	17.00	17.00	48.00	9.20	1.62	5.33
171	94.1	15.00	10.00	35.00	6.01	-8.08	7.62
172	81.6	15.00	10.00	35.00	4.49	-8.16	3.72
173	85.9	24.00	12.00	49.00	22.18	-5.54	1.48
174	88.0	28.00	9.00	44.00	32.36	-9.64	2.41
175	93.4	41.00	25.00	73.00	52.54	11.94	1.85
176	96.2	1744.00	2641.00	4394.00	2253.37	3545.57	0.04
177	92.7	9029.00	12363.00	21449.00	12268.52	16635.70	0.01
178	82.9	23.00	11.00	44.00	20.10	-6.90	2.90
179	91.4	30.00	9.00	49.00	37.44	-9.64	2.86
180	86.8	18.00	5.00	34.00	13.78	-14.93	3.29
181	84.7	25.00	13.00	48.00	23.45	-4.21	2.30
182	87.7	21.00	14.00	45.00	15.37	-2.79	3.97
183	89.1	21.00	10.00	39.00	17.72	-8.19	2.02
184	84.2	24.00	8.00	42.00	23.89	-10.96	5.24
185	88.2	17.00	12.00	43.00	8.31	-5.44	3.23
186	89.9	22.00	12.00	43.00	18.89	-5.49	5.20
187	86.6	19.00	11.00	41.00	12.69	-6.83	2.22
188	83.4	15.00	5.00	28.00	7.23	-14.90	5.36
189	83.7	17.00	15.00	40.00	6.19	-1.43	5.46
190	84.2	22.00	13.00	48.00	17.32	-4.18	7.23
191	85.5	18.00	10.00	38.00	10.99	-8.18	2.56
192	121.7	19.00	14.00	42.00	17.64	-2.44	11.20
193	88.5	26.00	16.00	47.00	24.74	-0.13	3.53
194	84.8	9.00	7.00	26.00	-5.70	-12.12	6.35
195	87.4	21.00	10.00	40.00	17.41	-8.20	3.66
196	94.6	13.00	9.00	28.00	2.39	-9.41	4.46
197	87.6	21.00	7.00	38.00	19.01	-12.26	4.03
198	90.2	12.00	10.00	29.00	-0.70	-8.07	4.43
199	93.4	24.00	10.00	37.00	24.85	-8.20	4.82
200	90.4	21.00	13.00	42.00	16.38	-4.12	2.77
201	81.9	25.00	10.00	48.00	24.39	-8.28	2.21
202	88.9	19.00	6.00	34.00	15.67	-13.58	5.32
203	83.8	23.00	14.00	43.00	18.74	-2.85	3.49
204	82.8	23.00	5.00	37.00	23.11	-15.00	3.29
205	83.0	14.00	13.00	35.00	1.12	-4.10	2.25
206	84.7	92.00	22.00	123.00	153.77	7.13	1.83
207	87.2	24.00	12.00	43.00	22.45	-5.53	2.04
208	82.6	17.00	13.00	37.00	7.06	-4.14	5.26
209	83.3	21.00	8.00	40.00	17.70	-10.92	3.30
210	81.5	10.00	17.00	36.00	-8.96	1.33	3.73
211	93.1	21.00	13.00	43.00	16.86	-4.10	8.78
212	87.1	18.00	10.00	38.00	11.24	-8.17	7.31

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
213	86.8	18.00	12.00	46.00	10.16	-5.46	5.42
214	81.5	8.00	11.00	30.00	-9.91	-6.73	2.74
215	83.0	12.00	9.00	29.00	-0.84	-9.47	2.67
216	82.1	26.00	5.00	42.00	28.94	-15.04	2.71
217	86.8	18.00	14.00	43.00	9.12	-2.76	2.97
218	84.6	23.00	18.00	52.00	16.83	2.56	2.75
219	85.2	15.00	12.00	35.00	3.87	-5.44	4.66
220	83.4	17.00	9.00	35.00	9.20	-9.53	2.56
221	90.0	17.00	9.00	32.00	10.15	-9.49	5.04
222	82.5	22.00	4.00	36.00	21.57	-16.34	3.69
223	86.3	22.00	14.00	46.00	17.18	-2.81	3.03
224	86.2	17.00	15.00	44.00	6.50	-1.40	2.95
225	89.2	20.00	14.00	45.00	13.57	-2.76	3.81
226	82.5	18.00	10.00	34.00	10.56	-8.19	4.90
227	85.9	18.00	14.00	41.00	9.00	-2.77	3.23
228	82.2	18.00	8.00	35.00	11.53	-10.89	2.16
229	82.5	20.00	8.00	42.00	15.55	-10.92	3.48
230	85.1	26.00	7.00	42.00	28.62	-12.33	2.17
231	82.1	12.00	7.00	26.00	0.09	-12.17	6.15
232	80.8	21.00	8.00	41.00	17.26	-10.94	3.65
233	85.6	64.00	12.00	84.00	103.00	-6.03	1.68
234	83.7	24.00	14.00	43.00	20.72	-2.86	2.78
235	82.2	13.00	13.00	39.00	-0.94	-4.09	3.33
236	83.2	24.00	9.00	42.00	23.16	-9.61	3.21
237	82.3	13.00	12.00	36.00	-0.43	-5.44	3.44
238	86.1	29.00	5.00	44.00	35.96	-15.06	4.77
239	83.5	13.00	13.00	34.00	-0.82	-4.08	3.80
240	89.8	10.00	8.00	26.00	-3.81	-10.76	3.76
241	86.2	19.00	6.00	35.00	15.20	-13.59	3.54
242	86.2	30.00	13.00	50.00	33.90	-4.26	2.77
243	86.5	25.00	4.00	37.00	28.48	-16.37	1.96
244	87.7	17.00	8.00	30.00	10.33	-10.86	6.55
245	80.7	20.00	9.00	38.00	14.76	-9.58	2.69
246	85.2	16.00	8.00	33.00	7.95	-10.86	3.09
247	81.8	19.00	5.00	25.00	14.96	-14.95	3.51
248	86.2	17.00	4.00	30.00	12.18	-16.27	3.52
249	85.3	23.00	6.00	33.00	23.13	-13.64	2.93
250	86.4	21.00	10.00	45.00	17.23	-8.21	3.03
251	84.2	13.00	10.00	32.00	0.76	-8.12	2.73
252	86.5	18.00	11.00	36.00	10.63	-6.82	3.54
253	84.8	21.00	8.00	38.00	17.97	-10.92	4.29
254	96.8	19.00	12.00	42.00	13.84	-5.40	3.51
255	96.7	32.00	10.00	53.00	42.75	-8.29	4.61
256	95.4	14.00	14.00	34.00	1.88	-2.63	4.43
257	79.3	17.00	11.00	40.00	7.65	-6.86	2.55
258	101.9	25.00	24.00	60.00	21.14	10.92	6.09
259	89.1	21.00	9.00	37.00	18.25	-9.54	5.69
260	85.4	26.00	7.00	42.00	28.69	-12.33	2.29
261	84.9	15.00	8.00	31.00	5.89	-10.84	4.91
262	84.7	80.00	118.00	209.00	80.42	136.93	0.48
263	89.0	15.00	5.00	23.00	7.99	-14.89	6.02
264	83.3	19.00	11.00	44.00	12.17	-6.85	2.31
265	88.8	191.00	8.00	209.00	368.01	-12.99	0.62
266	88.1	27.00	11.00	46.00	29.31	-6.92	3.32
267	83.3	14.00	9.00	32.00	3.18	-9.49	2.61
268	87.1	14.00	10.00	34.00	3.09	-8.12	3.40
269	83.4	19.00	11.00	38.00	12.19	-6.85	3.31
270	87.5	15.00	11.00	33.00	7.11	-6.85	3.31

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
271	85.8	19.00	7.00	34.00	14.61	-12.24	8.24
272	76.9	25.00	11.00	43.00	22.89	-6.97	0.88
273	82.4	12.00	3.00	27.00	2.14	-17.57	4.53
274	84.5	19.00	14.00	40.00	10.82	-2.79	3.20
275	84.1	14.00	6.00	27.00	4.81	-13.54	8.19
276	85.9	22.00	10.00	37.00	19.16	-8.22	5.87
277	88.3	16.00	11.00	35.00	6.80	-6.78	3.97
278	87.7	11.00	14.00	29.00	-5.06	-2.67	4.67
279	84.3	20.00	10.00	36.00	14.85	-8.21	3.05
280	84.2	16.00	16.00	40.00	3.73	-0.06	4.26
281	84.7	17.00	6.00	28.00	10.92	-13.57	3.09
282	85.0	21.00	9.00	37.00	17.49	-9.57	5.53
283	86.5	18.00	11.00	34.00	10.63	-6.82	2.47
284	87.1	10.00	10.00	35.00	-5.06	-8.07	5.28
285	83.8	20.00	9.00	36.00	15.28	-9.56	2.67
286	87.9	16.00	7.00	41.00	8.84	-12.20	7.11
287	85.9	23.00	7.00	39.00	22.73	-12.29	5.83
288	87.0	20.00	11.00	36.00	14.79	-6.84	3.51
289	88.8	15.00	10.00	34.00	5.34	-8.12	4.32
290	86.0	24.00	8.00	42.00	24.26	-10.95	4.23
291	88.6	25.00	8.00	42.00	26.88	-10.95	3.62
292	83.8	13.00	10.00	30.00	0.73	-8.13	2.83
293	87.1	23.00	10.00	42.00	21.42	-8.23	3.00
294	86.8	15.00	12.00	36.00	4.06	-5.43	3.12
295	88.6	23.00	8.00	41.00	22.77	-10.93	3.19
296	84.9	23.00	12.00	51.00	19.96	-5.54	1.90
297	86.7	7.00	14.00	31.00	-13.26	-2.63	2.38
298	85.7	26.00	9.00	51.00	27.74	-9.62	1.71
299	96.1	16.00	7.00	34.00	10.06	-12.16	3.40
300	95.3	33.00	10.00	52.00	44.41	-8.31	2.23
301	84.2	16.00	14.00	36.00	4.75	-2.76	3.46
302	86.4	18.00	17.00	46.00	7.51	1.29	3.11
303	85.4	18.00	11.00	36.00	10.47	-6.83	1.85
304	85.7	16.00	14.00	40.00	4.92	-2.75	2.95
305	85.1	18.00	14.00	41.00	8.89	-2.77	2.52
306	85.7	16.00	16.00	42.00	3.89	-0.04	4.55
307	80.1	18.00	11.00	41.00	9.72	-6.86	2.49
308	83.0	23.00	10.00	43.00	20.62	-8.25	3.78
309	81.4	24.00	10.00	43.00	22.31	-8.27	2.24
310	83.7	19.00	12.00	37.00	11.73	-5.50	5.21
311	85.8	25.00	9.00	45.00	25.74	-9.61	1.98
312	89.2	19.00	8.00	36.00	14.67	-10.87	6.43
313	82.9	8.00	8.00	31.00	-8.33	-10.77	4.81
314	83.3	19.00	12.00	37.00	11.66	-5.50	1.95
315	85.2	18.00	6.00	30.00	13.01	-13.58	2.86
316	84.3	14.00	5.00	24.00	5.34	-14.89	6.49
317	84.5	20.00	16.00	42.00	11.80	-0.10	3.34
318	115.1	57.00	21.00	83.00	102.09	6.56	3.40
319	106.2	87.00	22.00	114.00	163.06	7.42	2.05
320	87.7	12.00	11.00	33.00	-1.46	-6.74	4.77
321	86.9	19.00	10.00	35.00	13.25	-8.18	3.27
322	86.8	25.00	6.00	42.00	27.52	-13.66	3.96
323	87.5	17.00	6.00	31.00	11.35	-13.56	5.45
324	91.6	63.00	24.00	96.00	98.28	10.28	1.64
325	85.8	37.00	7.00	52.00	51.05	-12.46	2.03
326	94.7	28.00	17.00	54.00	29.83	1.26	3.71
327	87.5	23.00	12.00	49.00	20.47	-5.52	3.42
328	82.1	14.00	10.00	30.00	2.54	-8.15	4.01

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
329	84.6	24.00	6.00	39.00	25.00	-13.66	6.78
330	80.3	25.00	12.00	48.00	23.05	-5.60	2.93
331	88.8	21.00	24.00	53.00	10.32	10.76	1.69
332	98.2	223.00	100.00	334.00	405.43	111.71	0.46
333	86.8	620.00	737.00	1381.00	859.28	967.51	0.07
334	97.5	40.00	20.00	65.00	54.68	5.22	2.16
335	86.6	25.00	12.00	47.00	24.36	-5.55	1.88
336	84.6	18.00	14.00	41.00	8.82	-2.78	2.76
337	86.5	29.00	9.00	43.00	34.01	-9.66	3.19
338	82.1	16.00	13.00	38.00	5.01	-4.13	3.99
339	85.1	29.00	12.00	52.00	32.11	-5.61	1.76
340	87.3	11.00	6.00	20.00	-0.92	-13.49	6.81
341	85.5	11.00	11.00	34.00	-3.66	-6.74	7.06
342	95.4	28.00	12.00	50.00	32.74	-5.52	3.44
343	84.6	19.00	13.00	43.00	11.35	-4.14	2.10
344	84.9	14.00	9.00	33.00	3.36	-9.48	3.71
345	83.9	23.00	4.00	38.00	23.86	-16.35	3.14
346	89.0	24.00	20.00	58.00	18.62	5.31	3.76
347	90.0	16.00	7.00	33.00	9.14	-12.19	5.43
348	92.2	15.00	12.00	34.00	4.69	-5.38	5.27
349	94.7	19.00	10.00	39.00	14.57	-8.13	3.35
350	95.8	16.00	9.00	32.00	8.92	-9.44	8.55
351	89.9	19.00	10.00	36.00	13.75	-8.16	3.02
352	88.9	26.00	10.00	43.00	27.97	-8.25	3.34
353	84.4	18.00	9.00	37.00	11.35	-9.53	2.63
354	88.3	16.00	10.00	33.00	7.32	-8.13	2.65
355	83.7	24.00	12.00	38.00	21.74	-5.56	4.77
356	86.5	22.00	8.00	36.00	20.32	-10.92	2.32
357	87.7	17.00	7.00	30.00	10.85	-12.21	5.57
358	111.9	47.00	9.00	62.00	83.78	-9.79	4.47
359	99.6	14.00	9.00	30.00	5.15	-9.40	4.78
360	97.6	15.00	10.00	36.00	6.48	-8.06	6.50
361	92.1	18.00	11.00	42.00	11.48	-6.78	3.88

ID: EQUIPMENT SURVY 14 NOV 2000 13:19
USER: 3 COMMENT: EQUIPMENT SURVEY

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	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %	
B1	80.5	23.00	9.00	35.00	44.88	11.68	2.06	
		Blank Average	DPM	for	3H :	44.88	COEF. OF VAR:	0.000
		Blank Average	DPM	for	14C :	11.68	COEF. OF VAR:	0.000
362	75.1	15.00	9.00	34.00	-17.93	0.11	2.31	
363	75.7	19.00	6.00	33.00	-7.91	-3.97	2.15	
364	74.7	42.00	59.00	112.00	13.35	66.49	0.57	
365	76.4	23.00	8.00	47.00	-0.36	-1.36	1.05	
366	76.3	24.00	13.00	42.00	-0.81	5.32	1.62	
367	78.3	38.00	49.00	100.00	10.91	53.30	0.97	
368	76.7	29.00	9.00	44.00	11.88	-0.12	1.51	
369	77.8	16.00	9.00	35.00	-15.46	0.10	1.46	
370	76.4	29.00	14.00	52.00	9.27	6.57	1.31	
371	77.3	17.00	13.00	40.00	-15.46	5.44	1.06	
372	78.8	22.00	6.00	36.00	-0.95	-4.01	1.51	
373	79.4	219.00	89.00	319.00	378.55	103.91	0.25	

ID: EQUIPMENT SURVY

14 NOV 2000 16:36

USER: 3 COMMENT: EQUIPMENT SURVEY

PRESET TIME : 1.00
 A CALC : DL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : EDIT
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RG232 : 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	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %	
B1	62.6	20.00	9.00	32.00	35.41	11.64	0.37	-
		Blank Average	DPM	for	3H :	35.41	COEF. OF VAR:	0.000
		Blank Average	DPM	for	14C :	11.64	COEF. OF VAR:	0.000
374	76.0	22.00	10.00	45.00	5.88	1.37	2.35	
375	73.8	45.00	36.00	92.00	40.41	35.72	1.08	
376	73.6	91.00	89.00	190.00	109.61	105.75	0.74	

ID: EQUIPMENT SURVY

15 NOV 2000 19:56

USER: 3 COMMENT: EQUIPMENT SURVEY

PRESET TIME : 1.00
 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	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
B1	77.6	20.00	11.00	38.00	36.86	14.39	0.59
		Blank Average DPM for		3H :	36.86	COEF. OF VAR: 0.000	
		Blank Average DPM for		14C :	14.39	COEF. OF VAR: 0.000	

1	80.7	20.00	7.00	37.00	2.64	-5.34	0.73
2	77.8	21.00	10.00	47.00	2.67	-1.35	0.68
3	81.3	16.00	13.00	34.00	-9.04	2.77	0.85
4	82.4	22.00	9.00	42.00	6.28	-2.69	0.61
	79.2	19.00	7.00	31.00	0.22	-5.33	0.88

MISSING SAMPLE

377	82.3	27.00	20.00	58.00	11.33	11.99	0.48
378	81.3	228.00	95.00	333.00	406.85	109.17	0.20
379	81.1	29.00	17.00	56.00	16.93	7.92	0.57
380	84.1	17.00	11.00	35.00	-5.41	0.09	1.56
381	80.2	23.00	13.00	45.00	5.87	2.65	1.31
382	82.4	48.00	35.00	97.00	49.13	31.76	0.72
383	81.9	40.00	12.00	62.00	43.66	1.03	1.32
384	79.2	20.00	12.00	42.00	-0.23	1.35	1.65
385	90.7	28.00	15.00	51.00	18.44	5.33	1.38
386	80.5	16.00	11.00	40.00	-8.11	0.08	1.10
387	80.0	13.00	10.00	29.00	-14.10	-1.21	1.01
388	79.3	17.00	6.00	38.00	-3.55	-6.64	1.00
389	78.7	21.00	7.00	43.00	4.39	-5.37	1.15
390	76.0	24.00	7.00	38.00	10.19	-5.42	1.00
391	81.5	12.00	13.00	33.00	-17.69	2.84	1.21