

Radiological Survey Sheet

Job Location Prizer 118 C C213 Page 3 of 13

Survey Purpose LAB DECON Date 1/8/04

Performed by Peter Keefe (Print)  (Sign)

Instrument (Model/S/N)	Packard Tri-Carb S/N 431521	Packard Tri-Carb S/N 431520	Ludlum 2241-2 163603	
Det. (Model/SN)	Internal	Internal	Ludlum 43-68 PR 149613	
Type Rad.	β	β	β	
Cal. Due:	10/24/04	10/24/04	6/25/04	
Check Instruments Used		X	X	

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)	
1.	1000	BACKGROUND		
2.	↓	LAB ENTRANCE DOOR		
3.		clock		
4.		Towel Dispenser		
5.		OVERHEAD CABINET LEFT DOOR		
6.		Right door		
7.		outside bottom		
8.		outside Right side		
9.		Inside LEFT		
10.		RIGHT		
11.		Right		
12.		Bottom		
13.		shelf / Top		
14.		shelf / middle		
15.		shelf / Bottom		
16.		ELECTRICAL STRIP		
17.		↓	Wire Basket	
18.		1000	splash guard	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
19	1000	BENCHTOP - LEFT	
20		- middle	
21		- Right - Flow VALVES	
22		- FRONT EDGE	
23		Draws under bench / LEFT TOP	
24			middle / upper
25			middle / lower
26			Bottom
27		small right draw	
28		ACCOVER under benchtop	Left
29			REAR
30			Right
31			FLOOR
32		FLOOR IN FRONT OF - DRAWS	
33		- ACCOVE	
34		BENCHTOP - LEFT / FACSET	
35		- BASIN	
36		- SINK AREA	
37		- glass rack	
38		- splash guard	
39		- eyewash station	
40		Inside sink basin - LEFT	
41			- REAR
42			- Right
43			- FRONT
44			- Bottom
45	1000		- DRAIN

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
46	1000 ↓	REAR LEFT OFFICE - FLOOR	
47		- DESKTOP	
48		OVERHEAD CABINET LEFT	
49		Right	
50		OVERHEAD shelves - LEFT	
51		- Right	
52		LEFT side desk draws Top	
53		Bottom	
54		Right side desk draws Top	
55		middle	
56		Bottom	
57		FILING CABINETS LEFT - outside	
58		- inside	
59		Right outside	
60		- inside	
61		GLASS OFFICE DOORS - outside	
62		- inside	
63		REAR Right OFFICE - FLOOR	
64		- desktop - LEFT	
65		- Right	
66		OVERHEAD CABINET LEFT - outside	
67	- inside		
68	shelves Left		
69	LEFT desk draws Top		
70	middle		
71	Bottom		
72	1000	shared draws - Top	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
73	1000	Shared draws Bottom	
74		OVERHEAD CABINETS Right -outside	
75		-inside	
76		shelves Right	
77		Right desk draws - Top	
78		- Bottom	
79		FLOOR in front of LEFT DESK	
80		FLOOR in front of Right DESK	
81		Glass OFFICE DOOR	
82		FILE CABINET - LAB AREA - OUTSIDE	
83		- inside	
84		ELECTRICAL STRIP	
85		OVERHEAD CABINET - DOORS	
86		- outside	
87		- inside	
88		LAB BENCH SHELF	
89		LAB BENCH - LEFT	
90		- middle	
91		- Right	
92		BENCH ELECTRICAL STRIP	
93		FLOW VALVES	
94		BASINS	
95		BENCH draws 1-4 -outside	
96		- inside	
97		BENCH DRAWS 5-8 -outside	
98		- inside	
99	1000	Bench draw - sm #9 outside/inside	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
100	1000	ALCOVE UNDER SMALL DRAW	
101		DRAW SWIPES BENCH DRAW #10 - #13 - outside / inside	
102		BENCH DRAW #14 - small - outside / inside	
103		ALCOVE UNDER SM. DRAW	
104		METAL RACKS ABOVE BENCHTOP - LEFT	
105		- Right	
106		END BENCHTOP - LEFT	
107		- middle	
108		- Right	
109		- LEFT / FRONT / Right Edges	
110		TOP DRAW outside / inside	
111		CABINET - DOORS	
112		- outside	
113		- inside	
114		END OF BENCHTOP SIDES - TOWARD WALL	
115		END OF BENCHTOP DRAW #1 - #4 outside	
116		inside	
117		BENCHTOP - LEFT / BASIN	
118		- middle / BASIN	
119		- Right	
120		METAL SHELVES - LEFT	
121		- Right	
122		FLOW VALVES	
123		SMALL DRAW #1 outside / inside	
124		ALCOVE UNDER DRAW	
125	↓	BENCH DRAW #2 - #5 - outside / inside	
126	1000	SMALL BENCH DRAW #6 - outside / inside	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
127	1000	Alcove under sm draw	
128		Beach drawers #7-#10 -outside -inside	
129		shelves under beach - LEFT	
130		- REAR	
131		- Right	
132		- TOP	
133		- middle	
134		- Bottom	
135		OVERHEAD CABINET Right WALL #2 - DOORS	
136		- outside	
137		- inside	
138		Right WALL OVERHEAD CABINET #3 - DOORS	
139		- outside	
140		- inside	
141		Right WALL OVERHEAD CABINET #4 - DOORS	
142		- outside	
143		- inside	
144		Electrical outlet	
145		WALL shelf	
146		Desk top	
147		shelves	
148		sm draw	
149		Pull out - work AREA	
150		Desk draws - Right side - TOP	
151		middle	
152		Bottom	
153	1000	Alcove under desk	

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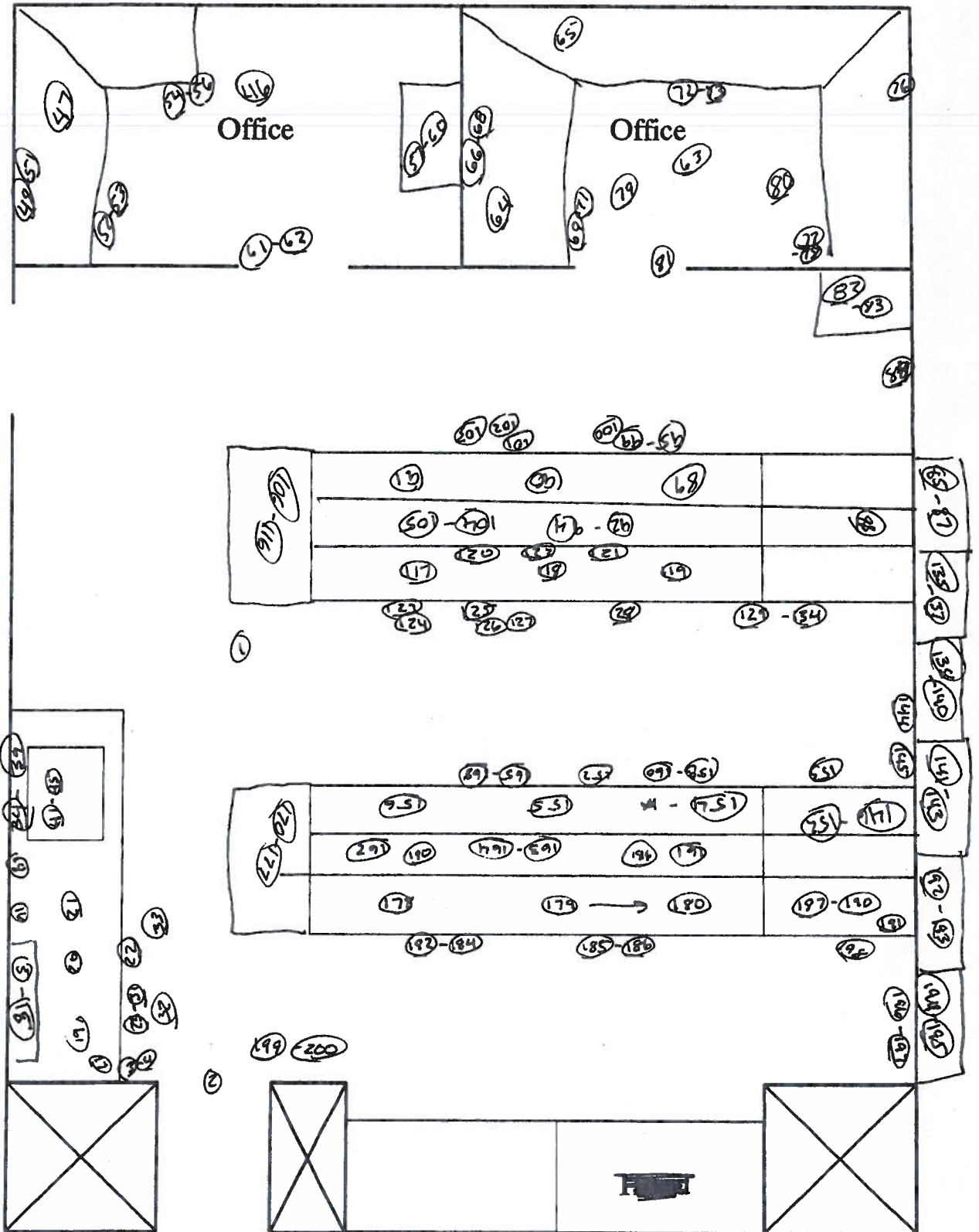
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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
154	1000	BENCHTOP SWIDES - LEFT - BASIN	
155		- middle - BASIN	
156		- Right	
157		- FRONT Edge	
158		BENCHTOP DRAWS # 1-4 outside - inside	
159		SMALL DRAW #5 - outside - inside	
160		ALCOVE UNDER SMALL DRAW	
161		METAL shelves ABOVE BENCH - LEFT	
162		- Right	
163		Flow VALVES	
164		Electric strip	
165		BENCHTOP DRAWS # 6 - #9 outside	
166		INSIDE	
167		SMALL DRAW #10 outside / inside	
168		alcove under draw	
169		BENCHTOP END - LEFT	
170		- middle	
171		- Right	
172		- LEFT / FRONT / Right Edges	
173	DRAW - outside / inside		
174	CABINET - DOORS		
175	- outside		
176	- inside		
177	under BENCHTOP END - DRAWS # 1 - #4 outside / inside		
178	BENCHTOP - LEFT		
179	1600	- middle / right	
180		- Right	

Bld. 118C Room C213

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O = wipe LOCATION

All LOWER surfaces found to be within acceptable limits using Loflum 2241-2 / 163603.

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Assay Definition-

Assay Description:

Assay Type: CPM
Report Name: Report1
Output Data Path: C:\Packard\Tricarb\Results\Peter Keefe\Room Decon Swipes
Raw Results Path: C:\Packard\Tricarb\Results\Peter Keefe\Room Decon Swipes\20040109_1057.results
Assay File Name: C:\Packard\TriCarb\Assays\Room Decon Swipes.lsa

Count Conditions-

Nuclide: TRIPLE
Quench Indicator: tSIE/AEC
External Std Terminator (sec): 0.5 2s%
Pre-Count Delay (min): 0.00
Quench Set: n/a
Count Time (min): 1.00
Count Mode: Normal
Assay Count Cycles: 1 Repeat Sample Count: 1
#Vials/Sample: 1 Calculate % Reference: Off

Background Subtract: Off
Low CPM Threshold: Off
2 Sigma % Terminator: Off

Regions	LL	UL
A	0.0	18.6
B	12.0	156.0
C	0.0	2000.0

Count Corrections-

Static Controller: On Luminescence Correction: On
Colored Samples: n/a Heterogeneity Monitor: n/a
Coincidence Time (nsec): 18 Delay Before Burst (nsec): 75

Half Life-

Half Life Correction: Off

Regions	Half Life	Units	Reference Date	Reference Time
A				
B				
C				

Cycle 1 Results

S#	CPMA	CPMB	CPMC	MESSAGES
1	27	12	40	
2	21	7	33	
3	8	8	25	
4	15	12	26	
5	17	11	30	
6	18	12	34	
7	14	14	31	
8	18	11	29	
9	25	8	35	
10	9	10	27	
11	21	9	35	
12	20	9	33	

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13	3	7	15
14	11	12	22
15	28	9	40
16	5	8	21
17	32	12	52
18	7	4	19
19	19	13	35
20	20	12	37
21	28	11	39
22	32	11	46
23	15	12	29
24	26	13	42
25	12	7	24
26	11	12	30
27	21	9	39
28	11	9	30
29	10	9	28
30	18	7	26
31	20	9	32
32	12	14	33
33	7	6	16
34	25	12	41
35	13	11	28
36	9	6	19
37	9	8	23
38	11	8	27
39	5	10	16
40	14	6	26
41	17	12	31
42	13	12	30
43	8	16	31
44	19	14	41
45	8	8	18
46	14	7	26
47	9	12	24
48	4	10	18
49	9	12	21
50	18	8	34
51	11	11	25
52	12	8	21
53	31	8	38
54	11	8	24
55	22	15	35
56	5	9	22
57	4	6	17
58	9	7	15
59	22	5	36
60	10	10	25
61	19	16	35
62	13	12	26
63	0	5	3
64	19	7	27
65	19	16	44
66	22	8	29
67	18	6	25
68	24	11	34
69	7	9	22
70	22	14	42
71	14	13	26
72	18	12	35
73	18	9	34
74	14	7	24
75	11	6	19

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76	10	10	23
77	29	12	43
78	13	11	26
79	12	14	36
80	17	8	30
81	13	8	27
82	14	12	32
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99	5	8	10
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101	18	15	37
102	18	2	24
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138	16	10	29

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139	25	9	36
140	11	11	25
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194	13	3	21
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196	20	8	30
197	20	10	37
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