


Radiological Survey Sheet

Job Location Pfizer GROTON Page 1 of 12
 Survey Purpose LAB DECON 118W W216 Date 6/20/09
 Performed by P. Lohr (Print)  (Sign)

Instrument (Model/S/N)	Packard Tri-Carb S/N 431521	Packard Tri-Carb S/N 431520	Ludlum 2241-2 163603	Wallac Model 1409 S/N 4061042
Det. (Model/SN)	Internal	Internal	Ludlum 43-68 PR 149613	Internal
Type Rad.	β	β	β	β
Cal. Due:	04/03/2010	04/03/2010	04/07/2010 <small>21 30</small>	04/03/2010
Check Instruments Used		X	X	

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)	
1.	0630	BACKGROUND		
2.		ENTRANCE DOOR / HANDLE		
3.		WALL SWIPE		
4.		PHONE		
5.		SHOWER		
6.		Wall Swipes		
7.		↓		
8.		↓		
9.		↓		
10.		WALL SWIPES		
11.		OVERHEAD CABINETS - OUT		
12.		- IN		
13.		· BENCHTOP		
14.		- WALL SWIPE		
15.		OVERHEAD CABINETS - OUT		
16.		- IN		
17.		↓	· BENCHTOP	
18.		0650	· WALLSWIPE	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
19	0650	DESK SWIPE	
20		· DRAWS - OUT	
21		- IN	
22		· ACCOVE UNDER DESK	
23		Metal Shelf UNIT - shelves	
24		- SUPPORTS	
25		· UPPER BENCHTOP	
26		· FLOW VALVES	
27		· BENCHTOP	
28		· BASIN	
29		· DRAWS - OUT	
30		- IN	
31		- CABINET - OUT	
32		- IN	
33		- ACCOVE	
34		Metal Shelf UNIT - shelves	
35	- SUPPORTS		
36	- UPPER BENCHTOP		
37	· FLOW VALVES		
38	- BENCHTOP		
39	- BASIN		
40	- DRAWS - LEFT - OUT		
41	- IN		
42	- RIGHT - OUT		
43	- IN		
44	∇	- FLOOR SWIPE	
45	0720	- FLOOR SWIPE	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
46	0720	END OF BENCH (BENCHTOP)	
47		- DRAWS - LEFT - OUT	
48		- IN	
49		- RIGHT - OUT	
50		- IN	
51		- FLOOR SWIPE	
52		- FLOOR SWIPE	
53		END OF BENCHTOP (BENCHTOP)	
54		- DRAWS - LEFT - OUT	
55		- IN	
56		- RIGHT - OUT	
57		- IN	
58		- FLOOR SWIPE	
59		metal shelves UNIT - shelves	
60		- SUPPORTS	
61		- UPPER BENCHTOP	
62		- FLOW VALVES	
63		- BENCHTOP	
64		- DRAWS - LEFT - OUT	
65		- IN	
66		- RIGHT - OUT	
67		- IN	
68		- FLOOR SWIPE	
69		metal shelf UNIT - shelves	
70		- SUPPORTS	
71	↓	- UPPER BENCHTOP	
72	0745	- FLOW VALVES	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
73	76	0745	- BENCHTOP
74	77		- DRAWS -OUT
75	78		-IN
76	79		- ACCOVE
77	80		- FLOOR SWIDE
78	81	DESKTOP	
79	82	DRAWS -OUT	
80	83	-IN	
81	84	-ACCOVE	
82	85	FLOOR SWIDE	
83	86	OVERHEAD CABINET -OUT	
84	87	-IN	
85	88	BENCHTOP LEDGE	
86	89	WALL SWIDE	
87	90	DESKTOP	
88	91	ACCOVE	
89	92	Metal Shelf OUT -shelves	
90	93	-SUPPORTS	
91	94	-OPPER BENCHTOP	
92	95	-Floor Vekles	
93	96	- BASIN	
94	97	- BENCHTOP	
95	98	- DRAWS -LEFT -OUT	
96	99	-IN	
97			-Right OUT /IN
98			- ACCOVE
99	0810		- FLOOR SWIDE

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
100	0810	metal shelf unit - shelves	
101		- SUPPORTS	
102		- UPPER BENCHTOP	
103		- FLOW VALVES	
104		- BASIN	
105		- BENCHTOP	
106		- DRAWS - LEFT - OUT	
107		- IN	
108		- RIGHT - OUT	
109		- IN	
110		- FLOOR SWIPE	
111		END OF BENCHTOP	
112		- CABINET - OUT	
113		- IN	
114		- FLOOR	
115		- FLOOR	
116	- FLOOR		
117	metal shelf unit - shelves		
118	- SUPPORTS		
119	- FLOW VALVES		
120	- BENCHTOP		
121	- DRAWS - LEFT - OUT		
122	- IN		
123	- RIGHT - OUT		
124	- IN		
125	↓	- FLOOR SWIPE	
126	0840	- FLOOR SWIPE	

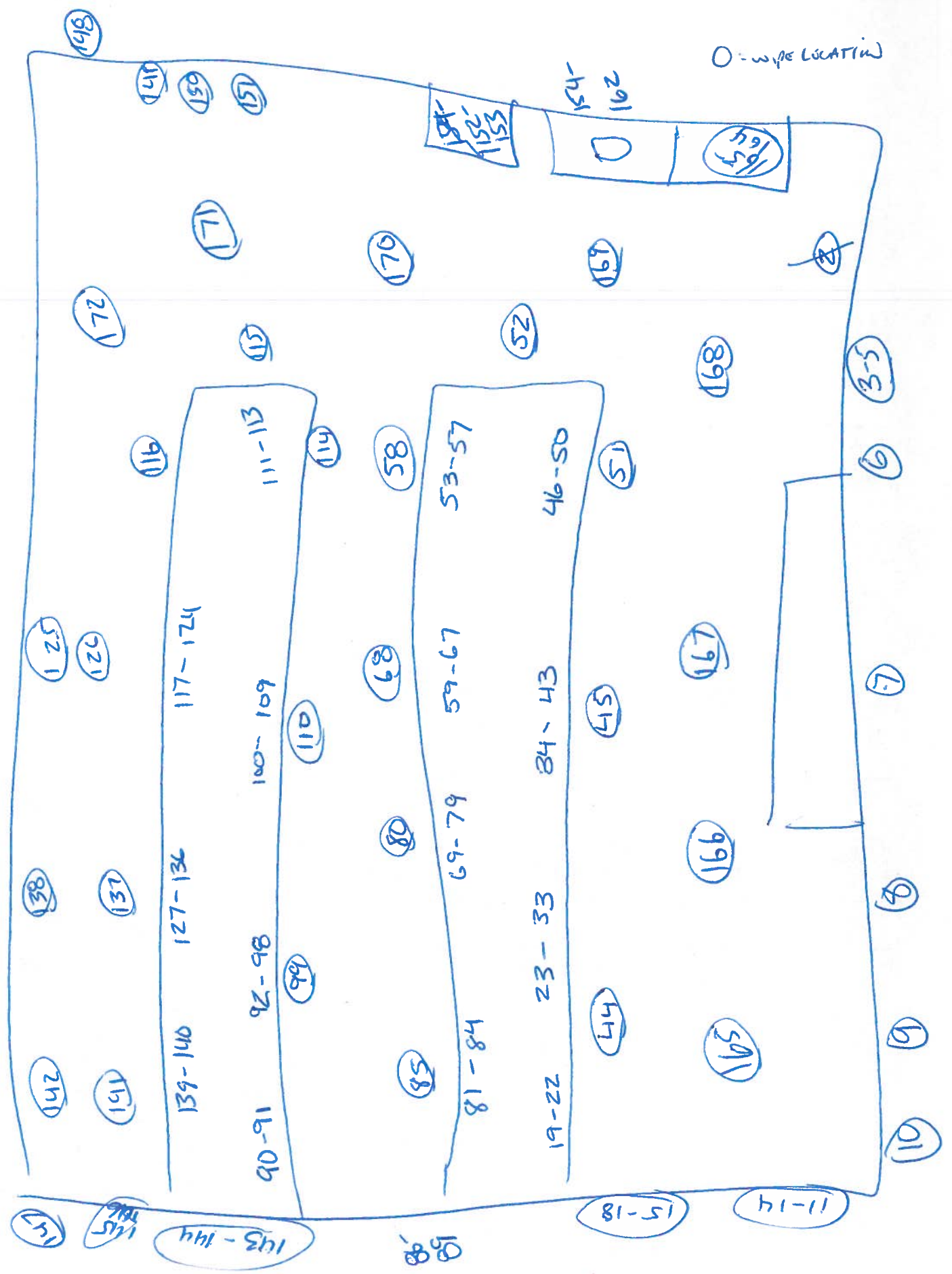
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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
127	0840	Metal shelf UNIT	- shelves
128			- SUPPORTS
129			- UPPER BENCHTOP
130			- Flow Valves
131			- BENCHTOP
132			- ACCOVE
133			- DRAWS - LEFT - OUT
134			- IN
135			- RIGHT - OUT
136			- IN
137			- FLOOR SWIPE
138			- FLOOR SWIPE
139		Desktop	
140		ACCOVE	
141		FLOOR SWIPE	
142		FLOOR SWIPE	
143		OVERHEAD CABINET	- OUT
144			- IN
145		OVERHEAD CABINET	- OUT
146			- IN
147		Door SWIPE	
148		Door SWIPE	
149		Wall SWIPE	
150		Wall SWIPE	
151		Wall SWIPE	
152		Wall CABINET	- OUT
153	0910		- IN



- Surveyed roofs of lower structures with 43-68. NO READINGS IN EXCESS OF NORMAL BACKGROUND NOTED.

Assay Definition-

Assay Description:
Background check for PM Lab (Mikey)

Assay Type: CPM
Report Name: Report1
Output Data Path: C:\Packard\Tricarb\Results\bc\bills swipes
Raw Results Path: C:\Packard\Tricarb\Results\bc\bills swipes\20090620_1050\20090620_1050.results
RTF File Name: C:\Packard\Tricarb\Results\bc\bills swipes\Report1.rtf
Assay File Name: C:\Packard\TriCarb\Assays\bills 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	18.6	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	10	1	16	<i>Background</i>
2	16	5	27	
3	9	7	22	
4	10	4	21	
5	17	11	31	
6	15	7	31	
7	12	5	20	
8	5	5	16	
9	7	4	13	
10	7	4	12	
11	11	8	24	

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12	10	7	22
13	7	1	12
14	8	9	21
15	10	2	16
16	15	11	31
17	9	11	22
18	8	11	27
19	16	4	30
20	9	3	19
21	16	7	27
22	12	10	31
23	9	7	19
24	16	7	33
25	8	8	20
26	7	6	19
27	6	8	19
28	12	6	25
29	16	4	29
30	10	8	24
31	15	5	26
32	10	11	27
33	12	10	28
34	10	7	26
35	17	6	27
36	7	5	15
37	12	12	28
38	12	4	25
39	12	6	22
40	14	5	26
41	13	7	23
42	15	3	21
43	9	5	19
44	16	3	27
45	9	8	27
46	15	3	21
47	11	5	26
48	14	9	25
49	15	8	25
50	13	5	24
51	13	5	27
52	10	9	24
53	9	11	24
54	17	6	30
55	14	9	33
56	19	9	37
57	10	4	19
58	11	6	20
59	19	7	30
60	8	9	21
61	7	5	16
62	14	6	22
63	16	3	27
64	10	6	27
65	16	6	23
66	14	7	27
67	12	9	23
68	14	9	29
69	16	12	36
70	12	6	23
71	8	7	23
72	12	2	17
73	18	5	31
74	13	5	22

75	10	5	19
76	9	9	25
77	12	1	21
78	8	10	20
79	5	9	15
80	11	6	24
81	5	7	20
82	10	5	21
83	15	7	26
84	14	10	33
85	13	5	26
86	9	6	19
87	6	7	18
88	10	9	25
89	9	9	24
90	13	6	23
91	15	6	28
92	9	4	22
93	17	3	24
94	10	7	25
95	12	8	23
96	11	5	21
97	7	8	17
98	11	7	28
99	5	6	14
100	27	6	35
101	8	5	22
102	17	4	23
103	10	6	23
104	13	7	28
105	16	9	28
106	7	6	15
107	12	10	25
108	12	8	26
109	11	3	22
110	10	10	27
111	7	6	20
112	6	3	11
113	15	5	23
114	18	4	26
115	16	5	26
116	7	5	18
117	18	5	30
118	12	7	24
119	12	11	30
120	18	6	32
121	12	13	28
122	13	7	25
123	14	2	22
124	15	8	28
125	19	6	29
126	18	9	33
127	9	8	24
128	11	2	18
129	15	6	29
130	15	2	24
131	13	9	27
132	8	8	21
133	14	4	20
134	8	4	18
135	15	2	24
136	9	11	28
137	10	4	18

138	12	6	23
139	10	10	26
140	14	3	19
141	16	6	25
142	10	6	22
143	13	3	21
144	13	7	28
145	9	8	20
146	14	7	25
147	16	6	30
148	18	1	24
149	11	10	23
150	14	5	22
151	9	3	17
152	14	10	30
153	12	3	25
154	10	2	18
155	8	7	17
156	9	8	23
157	10	12	27
158	16	7	31
159	14	7	24
160	5	6	19
161	9	7	24
162	15	6	25
163	11	7	25
164	16	5	25
165	9	8	20
166	15	6	28
167	14	6	24
168	12	5	30
169	9	4	20
170	9	9	26
171	15	5	22
172	10	6	25