

# Radiological Survey Sheet

Job Location Pfizer, Inc. Groton, Ct. 06340 118W/W222 Page 1 of 19

Survey Purpose <sup>ES</sup> Radiologic Survey of Equipment LAB Decomm Date 12-26-12

Performed by E. GAILOR (Print) E. Gailor (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:	03/05/2013	03/05/2013	04/17/2013	09/15/2012
Check Instruments Used	✓		✓	

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> )
1.	0910	BACKGROUND	
2.		door	
3.		FLOOR	
4.		UPPER WALL	
5.		lower "	
6.		UPPER "	
7.		lower "	
8.		FLOOR	
9.		HOOD LEFT SIDE	
10.		" " BACK	
11.		" middle "	
12.		" RIGHT "	
13.		HOOD " SIDE	
14.		" " BOTTOM	
15.		" middle "	
16.		" LEFT BOTTOM	
17.		" VENT LEFT SIDE	
18.	✓	" " RIGHT "	

# Radiological Survey Continuation Sheet

Page 2 of 19

Date 12-26-12

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> )
19	0910	HOOD	SASH
20		"	LIP
21		✓	CONTROL SECTION
22		FLOOR	
23		UPPER	WALL
24		LOWER	"
25		TOP	SHELF
26		2ND	"
27		3RD	"
28		4TH	"
29		TOP	✓
30		2ND	"
31		3RD	"
32		4TH	"
33		TOP	door
34		2ND	"
35		3RD	✓
36		DESK	"
37		LEDGE &	LOWER WALL
38		TOP	SHELF
39		2ND	"
40		3RD	"
41		TOP	"
42		2ND	"
43		3RD	"
44		TOP	"
45	✓	2ND	"

# Radiological Survey Continuation Sheet

Page 3 of 19

Date 12-26-12

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> )
46	0910	3RD SHELF	
47		BENCH	
48		CUP	
49		BENCH	
50		CUP	
51		BENCH	
52		"	
53		TOP dWR	
54		2ND "	
55		CAB door	
56		" INSIDE	
57		door	
58		TOP LEFT door	
59		2ND " "	
60		TOP RIGHT dWR	
61		2ND " "	
62		1ST LARGE "	
63		2ND " "	
64		TOP LEFT "	
65		2ND " "	
66		3RD " "	
67		TOP RIGHT "	
68		2ND " "	
69		1ST LARGE "	
70		2ND " "	
71		FLOOR	
72	✓	"	

# Radiological Survey Continuation Sheet

Page 4 of 19

Date 12-26-12

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> )
73	0900	FLOOR	
74		"	
75		Hood LEFT SIDE	
76		" " BACK	
77		" MIDDLE "	
78		" RIGHT "	
79		" " SIDE	
80		" " BOTTOM & TOP CUP	
81		" MIDDLE "	
82		" LEFT "	
83		BALANCE	
84		Hood SWA SWY	
85		" LIP	
86		" OUTSIDE LEFT	
87		" " RIGHT	
88		CAB DOORS	
89		" INSIDE	
90		" DOORS	
91		" INSIDE	
92		FLOOR	
93		"	
94		PEG Bd	
95		SINK AREA	
96		Hood VENTS LEFT SIDE	
97		" " RIGHT "	
98		SINK DRAIN	
99	✓	TOP SHELF	

# Radiological Survey Continuation Sheet

Page 5 of 19

Date 12-26-12

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> )
100	0910	2ND SHELF	
101		3RD "	
102		BENCH	
103		CAB DOORS	
104		" INSIDE	
105		TOP DWOR	
106		2ND "	
107		3RD "	
108		4TH "	
109		FLOOR	
110		FLOOR	
111		BENCH	
112		"	
113		"	
114		"	
115		TOP LEFT DWOR	
116		2ND " "	
117		TOP RIGHT "	
118		2ND " "	
119		3RD " "	
120		1ST LARGE "	
121		2ND " "	
122		TOP LEFT DWOR	
123		2ND " "	
124		TOP RIGHT "	
125		2ND " "	
126	✓	OR 1ST LARGE DWOR	

# Radiological Survey Continuation Sheet

Page 6 of 19

Date 12-26-12

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> )
127	0910	2ND LARGE dWR	
128		dWR	
129		TOP dWR	
130		2ND "	
131		CAB door	
132		" TOP SHELF	
133		" BOTTOM "	
134		TOP SHELF	
135		2ND "	
136		3RD "	
137		DESK & dWR	
138		dWRs	
139		doors	
140		TOP SHELF	
141		2ND "	
142		3RD "	
143		4TH "	
144		TOP SHELF	
145		2ND "	
146		3RD "	
147		4TH "	
148		TOP "	
149		2ND "	
150		3RD "	
151		4TH "	
152		TOP "	
153	√	2ND "	

# Radiological Survey Continuation Sheet

Page 7 of 19

Date 12-26-12

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> )
154	0910	3RD SHELF	
155		4TH "	
156		SHELF & LOWER WALL	
157		dwr	
158		DESK & dwr	
159		TOP SHELF	
160		2ND "	
161		3RD "	
162		TOP "	
163		2ND "	
164		3RD "	
165		TOP "	
166		2ND "	
167		3RD "	
168		SHELF	
169		BENCH	
170		" & CUP	
171		"	
172		" & CUP	
173		TOP dwr	
174		<del>2ND TOP</del> dwr	
175		3 2ND 4 CAB dwr	
176		CAB dwr TOP SHELF	
177		" 5 TOP SHELF & BOTTOM SHELF	
178		dwr	
179		TOP LEFT dwr	
180		2ND " "	

# Radiological Survey Continuation Sheet

Page 8 of 19

Date 12-26-12

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> )
181	0910	TOP RIGHT dwr	
182		2ND "	"
183		1ST LARGE "	"
184		2ND "	"
185		TOP dwr	
186		2ND "	"
187		3RD "	"
188		4TH "	"
189		FLOOR	
190		"	
191		"	
192		"	
193		FLOOR SHELF	
194		"	
195		"	
196		SHELF	
197		"	
198		"	
199		UPPER WALL	
200		LOWER "	"
201		UPPER "	"
202		LOWER "	"
203		FLOOR	
204		"	
205		"	
206		"	
207	✓	BENCH	



# Radiological Survey Continuation Sheet

Page 9 of 19

Date 12-22-26-12  
E0

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> )
208	0910	BENCY	
209		"	
210		"	
211		TOP dWR	
212		2ND "	
213		2RD "	
214		4TH "	
215		TOP LEFT dWR	
216		2ND " "	
217		TOP RIGHT "	
218		2ND " "	
219		1ST LARGE "	
220		2ND " "	
221		dWR	
222		TOP dWR	
223		2ND "	
224		CAB door	
225		" TOP SHELF	
226		" 2ND "	
227		" BOTTOM "	
228		TOP SHELF	
229		2ND "	
230		3RD "	
231		DESK & dWR	
232		TOP SHELF	
233		2ND "	
234	↓	3RD "	

# Radiological Survey Continuation Sheet

Page 10 of 19

Date 12-26-12

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> )
235	0910	DWRS	
236		door	
237		FLOOR	
238		UPPER WALL	
239		LOWER WALL	
240		WINDOW	
241		door	
242		WINDOW	
243		TOP SHELF	
244		2ND "	
245		3RD "	
246		TOP "	
247		2ND "	
248		3RD "	
249		DESK	
250		" & DWRS	
251		" " "	
252		DESK	
253		TOP SHELF	
254		2ND "	
255		TOP "	
256		2ND "	
257		3RD "	
258		FLOOR	
259		CAB TOP & DWRS	
260		" " " "	
261	✓	DOOR	

# Radiological Survey Continuation Sheet

Page 11 of 19

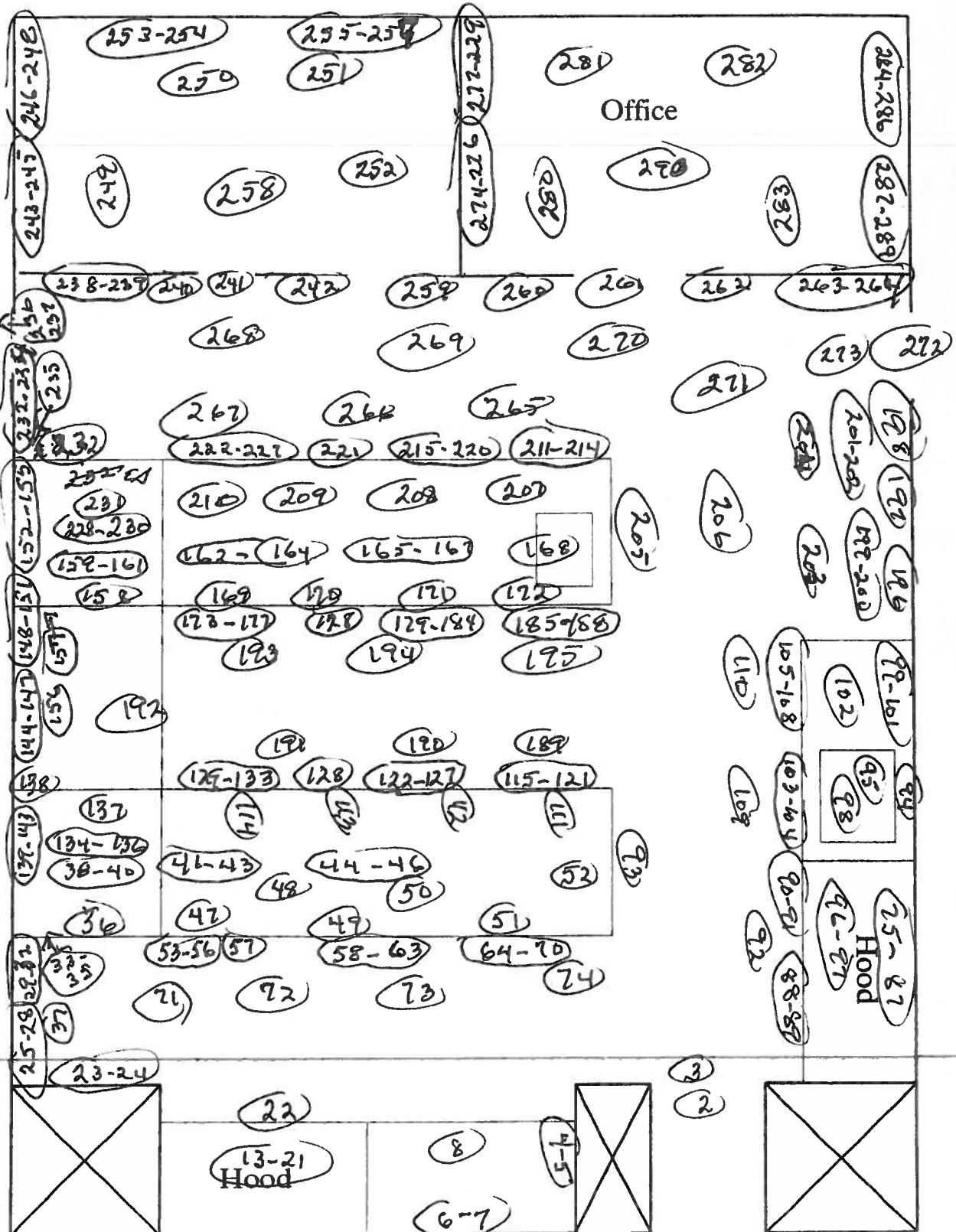
Date 12-26-72

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> )
262	0910	Window	
263		UPPER WALL	
264		LOWER "	
265		FLOOR	
266		"	
267		"	
268		"	
269		"	
270		"	
271		"	
272		door	
273		FLOOR	
274		TOP SHELF	
275		2ND "	
276		3RD "	
277		TOP "	
278		2ND "	
279		3RD "	
280		DESK & DWRS	
281		" " "	
282		" " "	
283		" " "	
284		TOP SHELF	
285		2ND "	
286		3RD "	
287		TOP "	
288	✓	2ND "	



Bld. 118W Room W222

Date: 12-26-12



- 100% of lower surfaces surveyed with 4368 NO READINGS IN EXCESS OF NORMAL BACKGROUND LEVELS NOTED.

O = WIPE LOCATION

Assay Definition-

Assay Description:  
Equipment Swipes

Assay Type: CPM  
Report Name: Report1  
Output Data Path: C:\Packard\Tricarb\Results\Ed Gailor\Eds Monthly Swipes  
Raw Results Path: C:\Packard\Tricarb\Results\Ed Gailor\Eds Monthly Swipes\20121226\_1240  
\20121226\_1240.results  
RTF File Name: C:\Packard\Tricarb\Results\Ed Gailor\Eds Monthly Swipes\Ed's Monthly Swipes.rtf  
Assay File Name: C:\Packard\TriCarb\Assays\Eds Monthly Swipes.lsa

Count Conditions-

Nuclide: Triple  
Quench Indicator: tSIE/AEC  
External Std Terminator (sec): 5 sec  
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: On - Manual  
Low CPM Threshold: Off  
2 Sigma % Terminator: Off

Regions	LL	UL	Bkg Subtract
A	0.0	18.6	0.00
B	18.6	156.0	0.00
C	0.0	2000.0	0.00

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	10	27	
2	10	10	31	
3	8	5	17	
4	10	2	18	
5	15	7	25	
6	15	4	27	
7	14	7	28	
8	7	8	19	
9	16	6	26	
10	7	9	17	

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

74	9	7	19
75	4	10	20
76	6	8	18
77	12	9	25
78	7	10	26
79	6	5	15
80	10	9	25
81	9	6	20
82	12	7	24
83	4	7	14
84	7	5	17
85	9	5	19
86	8	6	18
87	7	6	16
88	4	5	11
89	8	3	13
90	4	10	20
91	6	6	22
92	9	3	14
93	10	6	21
94	8	4	19
95	11	5	21
96	13	9	26
97	8	6	20
98	10	5	19
99	6	5	14
100	12	5	18
101	6	10	19
102	7	12	30
103	7	1	14
104	11	7	20
105	14	4	23
106	14	8	29
107	8	8	19
108	8	7	18
109	9	3	17
110	9	6	19
111	15	8	26
112	20	6	32
113	8	7	16
114	8	5	16
115	8	7	19
116	21	4	29
117	14	10	31
118	5	8	17
119	9	8	20
120	16	8	28
121	13	6	25
122	8	9	19
123	14	5	22
124	10	10	24
125	14	9	25
126	8	7	19
127	19	11	32
128	16	3	23
129	2	6	15
130	9	6	18
131	6	9	18
132	15	5	21
133	11	5	20
134	13	8	26
135	2	9	16
136	6	7	24



137	22	3	29
138	10	9	25
139	8	6	18
140	19	13	38
141	12	5	22
142	6	4	16
143	15	3	21
144	8	4	15
145	19	4	27
146	10	7	24
147	7	6	15
148	11	4	23
149	8	4	19
150	8	6	18
151	23	6	33
152	11	5	23
153	8	3	15
154	18	6	32
155	4	5	13
156	8	11	26
157	15	4	24
158	7	8	23
159	9	6	20
160	10	2	18
161	8	7	16
162	10	8	20
163	9	6	19
164	10	5	18
165	9	9	22
166	7	6	19
167	13	8	23
168	9	5	21
169	9	4	21
170	9	3	16
171	9	11	24
172	13	6	26
173	20	10	35
174	19	6	29
175	3	4	9
176	10	2	23
177	13	6	22
178	11	6	24
179	9	2	15
180	8	10	23
181	14	9	33
182	15	9	29
183	5	6	14
184	9	7	19
185	9	8	20
186	8	9	23
187	9	6	19
188	12	6	24
189	16	7	27
190	7	9	21
191	6	4	13
192	14	5	23
193	13	3	19
194	7	4	13
195	11	6	23
196	9	6	20
197	10	6	19
198	12	10	26
199	18	6	30

200	11	7	22
201	9	7	22
202	7	8	20
203	16	6	27
204	4	4	13
205	3	5	12
206	0	6	9
207	14	3	21
208	7	6	17
209	18	3	23
210	10	4	17
211	11	6	23
212	3	7	16
213	6	3	12
214	8	3	13
215	6	6	15
216	5	4	12
217	10	7	19
218	13	9	29
219	13	4	26
220	14	9	30
221	8	6	18
222	11	6	25
223	12	6	24
224	5	3	13
225	8	9	20
226	6	4	21
227	18	2	25
228	8	5	18
229	4	6	17
230	10	5	20
231	13	3	21
232	18	10	31
233	4	6	13
234	13	7	21
235	9	4	19
236	9	5	20
237	9	8	19
238	6	6	17
239	7	9	21
240	9	3	15
241	5	6	21
242	5	1	8
243	8	3	20
244	6	7	18
245	12	7	20
246	6	5	17
247	16	4	22
248	7	6	21
249	2	6	14
250	7	3	12
251	20	7	32
252	6	6	19
253	13	6	23
254	10	4	20
255	6	3	12
256	9	6	18
257	11	6	25
258	14	11	31
259	13	3	19
260	9	3	17
261	8	7	21
262	7	7	20

263	11	9	25
264	6	7	20
265	6	15	27
266	9	12	25
267	9	11	26
268	7	0	11
269	12	7	24
270	7	2	19
271	9	5	18
272	15	3	22
273	13	5	20
274	4	5	13
275	13	7	27
276	7	6	16
277	5	7	15
278	11	3	18
279	3	6	13
280	14	7	21
281	4	5	14
282	11	5	19
283	8	8	26
284	6	6	14
285	7	7	17
286	5	6	19
287	10	8	21
288	5	5	12
289	6	3	12
290	16	5	25