

Radiological Survey Sheet

Job Location PFIZER INC. GROTON CT Page 1 of 22

Survey Purpose DECOMMISSIONING 118W/W215 Date 10/20/09

Performed by DAVID DICKRE (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	04/03/2010
Check Instruments Used	✓		✓	

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
1.	1243	BACKGROUND	
2.		Upper Room	
3.		Lower Room	
4.		Upper Wall	
5.		Lower Wall	
6.		Upper Wall	
7.		Lower Wall	
8.		DESK TOP	
9.		STAIRS	
10.		DRIVERS	
11.		Upper Wall	
12.		Lower Wall	
13.		DRIVERS	
14.		Upper Wall	
15.		Lower Wall	
16.		DESK TOP	
17.		DRIVERS	
18.		DRIVERS	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
19		SHelves	
20		UPPER WALL	
21		LOWER WALL	
22		WALL	
23		FLOOR	
24		FLOOR	
25		FLOOR	
26		SIDES OF CABINET	
27		FRONT OF CABINET	
28		TOP SHELF	
29		SHELF	
30		SHELF	
31		SHELF	
32		BOTTOM SHELF	
33		FLOOR	
34		FLOOR	
35		FLOOR	
36		FLOOR	
37		FLOOR	
38		FLOOR	
39		FLOOR	
40		FLOOR	
41		OUTER FLOOR	
42		FLOOR	
43		UPPER WALL	
44		LOWER WALL	
45	↓	UPPER WALL	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
46		Lower wall	
47		Upper wall	
48		Lower wall	
49		Upper wall	
50		Lower wall	
51		Upper wall	
52		Lower wall	
53		Upper wall	
54		Lower wall	
55		Upper wall	
56		Lower wall	
57		Desk top	
58		Stoves	
59		Drawers	
60		Floor	
61		Drawers	
62		Upper wall	
63		Lower wall	
64		Upper wall	
65		Lower wall	
66		Upper wall	
67		Lower wall	
68		Floor	
69		Floor	
70		Upper wall	
71		Lower wall	
72	↓	Outside cabinet	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
73		INSIDE CABINET	
74		SHelves	
75		UPPER DOOR	
76		LOWER DOOR	
77		UPPER WALL	
78		LOWER WALL	
79		UPPER WALL	
80		LOWER WALL	
81		SHelves	
82		DESK TOP	
83		SHelf	
84		UPPER WALL	
85		FRONT OF WALL UNIT	
86		BOTTOM SHelf	
87		SHelf	
88		SHelf	
89		TOP SHelf	
90		TOP SHelf	
91		SHelf	
92		BOTTOM SHelf	
93		BOTTOM SHelf	
94		SHelf	
95		TOP SHelf	
96		TOP SHelf	
97		SHelf	
98		BOTTOM SHelf	
99	↓	CONSOLE	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
100		COUNTER	
101		COUNTER	
102		COUNTER	
103		Cup sink	
104		DRAIN LINE	
105		Cup sink	
106		DRAIN LINE	
107		FRONT OF DRAWERS	
108		TOP DRAWER	
109		DRAWER	
110		BOTTOM DRAWER	
111		DRAWER	
112		Cubby	
113		FRONT OF DRAWERS	
114		TOP DRAWER	
115		DRAWER	
116		CABINET	
117		Cubby	
118		FRONT OF DRAWERS	
119		TOP LEFT DRAWER	
120		DRAWER	
121		TOP RIGHT DRAWER	
122		DRAWER	
123		DRAWER	
124		BOTTOM DRAWER	
125		SIDE OF CABINET	
126	↓	FRONT OF CABINET	

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Date 10/20/09

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
127		INSIDE CABINET	
128		Sink Drain	
129		ST counter	
130		SIDE OF CABINET	
131		counter	
132		counter	
133		counter	
134		counter	
135		FRONT OF DRAWERS	
136		TOP LEFT DRAIN	
137		DRAIN	
138		TOP RIGHT DRAIN	
139		DRAIN	
140		DRAIN	
141		BOTTOM DRAIN	
142		DRAIN	
143		Cubby	
144		FRONT OF DRAWERS	
145		TOP DRAIN	
146		DRAIN	
147		INSIDE CABINET	
148		FRONT OF DRAWERS	
149		TOP DRAIN	
150		DRAIN	
151		DRAIN	
152		BOTTOM DRAIN	
153	✓	FRONT OF DRAWERS	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
154		2nd DRAWER	
155		DRAWER	
156		BOTTOM DRAWER	
157		LOWER WALL	
158		SHELF	
159		UPPER WALL	
160		FRONT OF WALL UNIT	
161		BOTTOM SHELF	
162		SHELF	
163		SHELF	
164		TOP SHELF	
165		TOP SHELF	
166		SHELF	
167		SHELF	
168		BOTTOM SHELF	
169		FRONT WALL UNIT	
170		FRONT WALL UNIT	
171		BOTTOM SHELF	
172		SHELF	
173		SHELF	
174		TOP SHELF	
175		LOOSE COUNTER	
176		COUNTER	
177		COUNTER	
178		COUNTER	
179		COUNTER	
180	↓	COUNTER	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
181		COUNTER	
182		SIDE OF CABINET	
183		FRONT OF DRAWERS	
184		TOP LEFT DRAWER	
185		DRAWER	
186		DRAWER	
187		TOP RIGHT DRAWER	
188		DRAWER	
189		DRAWER	
190		BOTTOM DRAWER	
191		FRONT OF DRAWERS	
192		TOP LEFT DRAWER	
193		DRAWER	
194		TOP RIGHT DRAWER	
195		DRAWER	
196		DRAWER	
197		BOTTOM DRAWER	
198		DRAWER	
199		CUBBY	
200		FRONT OF DRAWERS	
201		TOP DRAWERS	
202		DRAWERS	
203		CABINET	
204		FRONT OF DRAWERS	
205		TOP DRAWER	
206		DRAWER	
207	↓	DRAWER	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
208		BOTTOM DRAINOR	
209		FRONT OF DRAINORS	
210		2nd DRAINOR	
211		DRAINOR	
212		BOTTOM DRAINOR	
213		CUP SINK	
214		DRAIN LINE	
215		CUP SINK	
216		DRAIN LINE	
217		TOP SHELF	
218		BOTTOM SHELF	
219		FLOOR	
220		FLOOR	
221		FLOOR	
222		FLOOR	
223		FLOOR	
224		FLOOR	
225		FLOOR	
226		FLOOR	
227		FLOOR	
228		FLOOR	
229		FLOOR	
230		FLOOR	
231		FLOOR	
232		SIDE OF CABINET	
233		UPPER WALL	
234	↓	LOWER WALL	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
235		UPPER WALL	
236		UPPER WALL	
237		SIDE OF HOOD	
238		FAUCETS	
239		FRONT OF WALL UNIT	
240		BOTTOM SHELF	
241		SHELF	
242		TOP SHELF	
243		COUNTER	
244		SINK	
245		DRAIN LINE	
246		FRONT OF DRAWERS	
247		TOP DRAWER	
248		DRAWER	
249		DRAWER	
250		BOTTOM DRAWER	
251		FRONT OF CABINET	
252		INSIDE CABINET	
253		FRONT OF CABINET	
254		INSIDE CABINET	
255		FRONT OF CABINET	
256		INSIDE CABINET	
257		LIP	
258		LEFT SIDE HOOD	
259		TOP SIDE HOOD	
260		RIGHT SIDE HOOD	
261		OUTSIDE SASH	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
262		INSIDE SASH	
263		LEFT COUNTER	
264		CUP SINK	
265		DRAIN LINE	
266		RIGHT COUNTER	
267		LEFT SIDE HOOD	
268		UPPER BACK	
269		LOWER BACK	
270		FLOW PATH	
271		RIGHT SIDE	
272		HOOD TOP	
273		HOOD DUCT	
274		WALL	
275		UPPER DOOR	
276		LOWER DOOR	
277		WALL	
278		UPPER WALL	
279		LOWER WALL	
280		FLOOR	
281		FLOOR	
282		FLOOR	
283		FLOOR	
284		FLOOR	
285		FLOOR	
286		FLOOR	
287		FLOOR	
288	↓	FLOOR	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
289		Floor	
290		Floor	
291		Floor	
292		SIDE OF CABINET	
293		COUNTER	
294		COUNTER	
295		COUNTER	
296		COUNTER	
297		COUNTER	
298		SHelf	
299		UPPER WALL	
300		Lower wall	
301		FRONT OF CAB ^{LAB} UNIT	
302		BOTTOM SHelf	
303		SHelf	
304		TOP SHelf	
305		TOP SHelf	
306		SHelf	
307		SHelf	
308		BOTTOM SHelf	
309		FRONT OF WALL UNIT	
310		UPPER WALL	
311		SIDE OF CABINET	
312		Lower wall	
313		UPPER Lower wall	
314		UPPER WALL	
315	↓	FRONT OF DRAWERS	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
316		TOP DRAINAGE	
317		DRAINAGE	
318		CABINET	
319		CUSBY	
320		FRONT OF DRAINAGE	
321		TOP LEFT DRAINAGE	
322		DRAINAGE	
323		TOP RIGHT DRAINAGE	
324		DRAINAGE	
325		DRAINAGE	
326		BOTTOM DRAINAGE	
327		FRONT OF DRAINAGE	
328		TOP LEFT DRAINAGE	
329		DRAINAGE	
330		TOP RIGHT DRAINAGE	
331		DRAINAGE	
332		DRAINAGE	
333		DRAINAGE	
334		BOTTOM DRAINAGE	
335		UPPER WALL	
336		LOWER WALL	
337		UPPER WALL	
338		LOWER WALL	
339		TABLE TOP	
340		TABLE TOP	
341		UPPER WALL	
342	↓	LOWER WALL	

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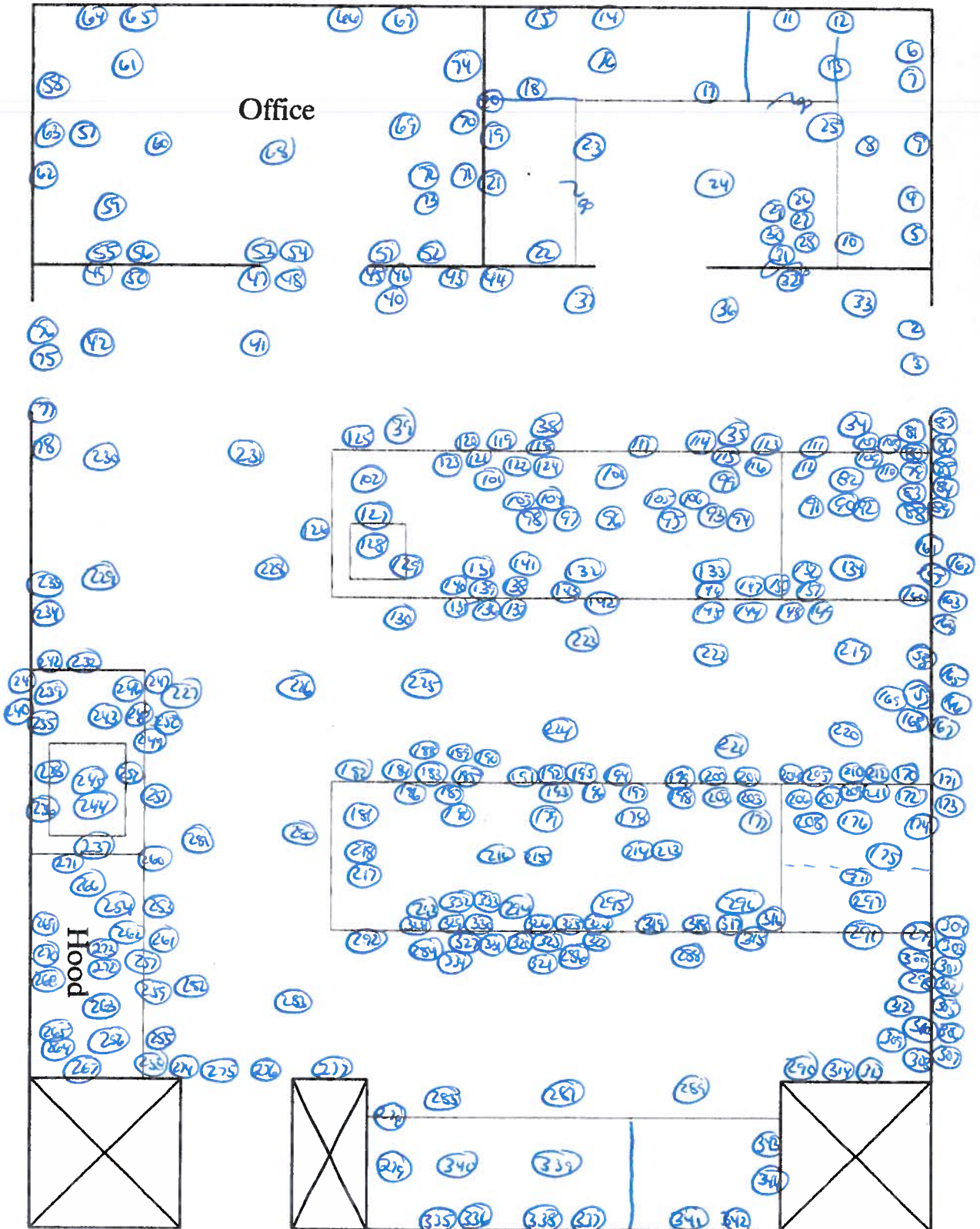
Date 10/24/09

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
343	↓	Upper wall	
344		Lower wall	
345			
346			
347			
348			
349			
350			
351			
352			
353			
354			
355			MA
356			
357			
358			
359			
360			
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363			
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365			
366			
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Bld. 118W Room W215

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Surveyors note of lower surfaces using 43-60. No readings in excess of normal background noted.

○ = wipe location

Protocol# 1 - Eds Monthly Swipes.lsa

Assay Definition-

Assay Description:
Equipment Swipes

Assay Type: CPM
Report Name: Report1
Output Data Path: C:\Packard\Tricarb\Results\Ed Gailor\Eds Monthly Swipes\20091021_0033
Raw Results Path: C:\Packard\Tricarb\Results\Ed Gailor\Eds Monthly Swipes\20091021_0033
\20091021_0033.results
RTF File Name: C:\Packard\Tricarb\Results\Ed Gailor\Eds Monthly Swipes\20091021_0033\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): 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: 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	6	22	
2	10	7	21	
3	2	6	17	
4	0	9	8	
5	18	7	29	
6	15	3	24	
7	11	8	27	
8	10	6	25	
9	19	7	30	
10	8	9	24	

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

74	8	9	20
75	17	4	29
76	13	7	25
77	13	6	27
78	8	9	19
79	11	7	24
80	11	6	21
81	16	9	33
82	8	5	16
83	9	6	19
84	15	5	20
85	8	3	13
86	17	5	30
87	19	6	32
88	14	3	21
89	8	11	24
90	7	10	22
91	8	1	12
92	10	11	29
93	5	6	16
94	9	6	24
95	14	8	30
96	14	7	28
97	8	18	31
98	18	4	27
99	5	6	16
100	11	3	20
101	6	7	17
102	5	13	23
103	0	7	11
104	5	10	22
105	7	7	21
106	17	8	31
107	9	10	23
108	14	4	24
109	11	4	21
110	15	4	26
111	15	2	25
112	13	7	25
113	5	3	15
114	13	6	26
115	5	4	18
116	11	11	28
117	13	3	24
118	6	4	16
119	13	9	25
120	12	8	28
121	5	4	16
122	6	6	16
123	11	6	26
124	9	5	18
125	21	4	30
126	7	10	29
127	20	3	30
128	3	10	15
129	11	5	23
130	2	6	14
131	10	7	21
132	18	3	25
133	14	10	29
134	5	9	20
135	3	5	13
136	5	11	20

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137	14	12	33
138	0	8	14
139	0	12	19
140	15	8	29
141	10	9	29
142	0	5	14
143	2	8	13
144	9	9	24
145	17	8	32
146	24	6	34
147	18	4	27
148	3	4	19
149	0	7	13
150	20	7	29
151	4	8	19
152	14	7	29
153	6	7	18
154	11	5	22
155	16	6	23
156	13	7	26
157	8	5	17
158	16	5	22
159	19	8	35
160	2	7	16
161	5	10	19
162	8	7	20
163	14	11	31
164	5	5	13
165	14	5	27
166	14	8	27
167	7	7	22
168	15	4	24
169	19	4	32
170	13	6	22
171	10	9	29
172	25	10	38
173	10	12	28
174	20	6	34
175	7	10	21
176	16	6	27
177	0	3	10
178	7	7	17
179	10	3	18
180	11	5	21
181	7	6	15
182	11	3	18
183	13	4	25
184	13	7	24
185	10	4	22
186	6	4	19
187	2	7	16
188	16	7	32
189	8	5	19
190	13	6	23
191	8	5	21
192	6	6	16
193	14	7	28
194	15	9	27
195	23	10	38
196	4	4	14
197	6	12	25
198	11	3	15
199	16	8	27

200	10	9	26
201	10	4	21
202	17	5	28
203	14	2	22
204	1	6	11
205	14	6	25
206	17	6	30
207	7	5	19
208	17	3	27
209	13	7	33
210	9	6	21
211	8	4	16
212	5	3	12
213	7	5	16
214	13	5	24
215	5	8	20
216	9	12	23
217	0	7	11
218	16	4	25
219	17	11	31
220	13	6	23
221	11	7	24
222	20	7	33
223	19	7	32
224	13	9	27
225	14	1	21
226	7	4	18
227	5	6	16
228	12	11	25
229	15	4	27
230	12	10	24
231	5	11	21
232	14	6	29
233	10	4	19
234	19	5	24
235	9	10	24
236	16	13	34
237	11	6	23
238	8	2	13
239	19	4	27
240	13	4	25
241	4	10	23
242	10	6	18
243	10	8	25
244	3	2	10
245	15	5	24
246	12	8	28
247	11	4	17
248	14	7	24
249	15	7	26
250	11	5	25
251	13	6	24
252	16	6	30
253	17	7	30
254	7	4	13
255	16	8	29
256	12	2	21
257	18	7	30
258	7	12	26
259	6	6	20
260	12	1	17
261	15	6	22
262	20	9	33

263	14	5	24
264	5	9	17
265	19	8	32
266	6	8	18
267	10	7	20
268	8	6	18
269	12	8	24
270	15	4	29
271	7	9	20
272	8	4	14
273	24	12	41
274	0	11	18
275	11	9	25
276	9	7	19
277	15	9	28
278	24	4	35
279	3	6	18
280	11	4	22
281	6	8	16
282	0	3	8
283	13	3	25
284	26	5	38
285	10	8	22
286	14	9	25
287	10	3	18
288	16	7	33
289	8	7	21
290	20	6	29
291	19	8	33
292	16	11	31
293	14	6	23
294	11	10	30
295	30	14	49
296	23	6	35
297	11	4	21
298	4	5	16
299	1	9	10
300	18	7	32
301	4	4	13
302	13	7	27
303	13	7	23
304	9	8	28
305	14	9	24
306	11	8	25
307	11	7	22
308	9	12	28
309	11	6	26
310	0	8	13
311	16	10	30
312	12	5	20
313	2	9	17
314	9	7	19
315	16	4	25
316	16	8	29
317	9	2	13
318	15	10	36
319	24	11	39
320	3	7	18
321	11	5	26
322	4	4	15
323	20	12	40
324	14	4	24
325	22	5	34

326	13	5	22
327	14	4	21
328	7	8	16
329	13	4	23
330	4	11	20
331	7	11	23
332	14	10	31
333	4	8	19
334	9	12	29
335	15	8	29
336	7	10	24
337	6	6	19
338	13	10	28
339	15	10	32
340	11	6	19
341	13	4	21
342	13	2	18
343	14	4	21
344	1	9	15