

Radiological Survey Sheet

Job Location Pfizer, Inc. Groton, Ct. 06340 118B/B306 Page 1 of 2
 Survey Purpose E.S. Radiologic Survey of Equipment LAB DEComm Date 12-20-12
 Performed by F. GAILOR (Print) E. Sailor (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 ²)
1.	0645	BACKGROUND	
2.		DOOR	
3.		FLOOR	
4.		UPPER WALL	
5.		LOWER "	
6.		CAB DOORS	
7.		" TOP SHELF	
8.		" 2ND "	
9.		" 3RD "	
10.		" 4TH "	
11.		" DOORS	
12.		" TOP SHELF	
13.		" 2ND "	
14.		" 3RD "	
15.		" 4TH "	
16.		BENCH	
17.		"	
18.		" EQ CUP	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
19	0645	PEG Bd	
20		SINK AREA	
21		" DRAIN	
22		TOP DWAR	
23		2ND "	
24		3RD "	
25		4TH "	
26		DWAR	
27		TOP "	
28		2ND "	
29		3RD "	
30		4TH "	
31		CAB door	
32		" INSIDE	
33		FLOOR	
34		FLOOR	
35		UPPER WALL	
36		LOWER "	
37		FLOOR	
38		UPPER WALL	
39		LOWER "	
40		UPPER "	
41		LOWER "	
42		UPPER "	
43		LOWER "	
44		FLOOR	
45	✓	"	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
46	0645	FLOOR	
47		WALL	
48		SHELF	
49		WALL	
50		"	
51		BENCH	
52		"	
53		"	
54		TOP DWR	
55		2ND "	
56		3RD "	
57		4TH "	
58		5TH "	
59		CAB DOOR	
60		" INSIDE	
61		TOP DWR	
62		2ND "	
63		3RD "	
64		4TH "	
65		DWR	
66		CAB DOOR	
67		" INSIDE	
68		LEDGE of LOWER WALL	
69		DWR	
70		CAB DOORS	
71		" TOP SHELF	
72	↓	" BOTTOM "	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
73	0645	dwr	
74		TOP "	
75		2ND "	
76		3RD "	
77		4TH "	
78		FLOOR	
79		"	
80		"	
81		BENCH	
82		"	
83		"	
84		FLOOR	
85		BENCH	
86		"	
87		"	
88		TOP dwr	
89		2ND "	
90		3RD "	
91		4TH "	
92		dwr	
93		"	
94		CAM door	
95		" TOP SHELF	
96		" BOTTOM "	
97		FLOOR	
98		FLOOR	
99	✓	LEDGE & Lower wall	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
100	0645	UPPER STANTION	
101		LOWER "	
102		SHelf	
103		WALL	
104		"	
105		BENCH	
106		"	
107		"	
108		TOP RIGHT dwr	
109		2nd " "	
110		3rd " "	
111		TOP LEFT "	
112		2nd " "	
113		1ST LARGE "	
114		2nd " "	
115		TOP RIGHT "	
116		2nd " "	
117		TOP LEFT "	
118		2nd " "	
119		3rd " "	
120		1ST LARGE "	
121		2nd " "	
122		Floor	
123		"	
124		"	
125		"	
26	✓	Window	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
127	0645	DOOR	
128		WINDOW	
129		SHelves & doors	
130		" "	
131		LEDGE & LOWER WALL	
132		bench & doors	
133		" "	
134		SHelves & door	
135		" "	
136		FLOOR	
137		UPPER WALL	
138		LOWER "	
139		DOOR	
140		FLOOR	
141		TOP SHELF	
142		2ND "	
143		3RD "	
144		4TH "	
145		CAB DOORS	
146		" TOP SHELF	
147		" 2ND "	
148		" 3RD "	
149		" 4TH "	
150		TOP LEFT SHELF	
151		2ND " "	
152		3RD " "	
153	✓	RIGHT "	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
154	0645	DESK & dWR	
155		SHelf	
156		TOP dWR	
157		2nd "	
158		3rd "	
159		TOP SHelf	
160		2nd "	
161		3rd "	
162		TOP "	
163		2nd "	
164		3rd "	
165		TOP dWR	
166		2nd "	
167		3rd "	
168		4TH "	
169		DWR	
170		TOP dWR	
171		2nd "	
172		3rd "	
173		4TH "	
174		DWR	
175		"	
176		CAD DOORS	
177		" INSIDE	
178		BENCH & CUP	
179		" & CUP EA	
180		" & CUP	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
181	0645	BENCH	
182		FLOOR	
183		"	
184		"	
185		"	
186		"	
187		"	
188		"	
189		BENCH	
190		SIDE OF BENCH	
191		" " "	
192		FLOOR	
193		"	
194		BENCH	
195		"	
196		"	
197		TOP SHELF	
198		2ND "	
199		2RD "	
200		DESK & DWAR	
201		CAB DOORS	
202		" TOP SHELF	
203		" BOTTOM "	
204		TOP DWAR	
205		2ND "	
206		2RD "	
207	✓	HTM "	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
208	0645	dwr	
209		TOP "	
210		2ND "	
211		3RD "	
212		4TH "	
213		dwr	
214		TOP dwr	
215		2ND "	
216		3RD "	
217		4TH "	
218		CAB DOORS	
219		" TOP SHELF	
220		" 2ND "	
221		" 3RD "	
222		dwr	
223		CAB DOORS	
224		" INSIDE	
225		TOP dwr	
226		2ND "	
227		3RD "	
228		4TH "	
229		TOP "	
230		2ND "	
231		3RD "	
232		4TH "	
233	✓	TOP SHELF	
234		2ND "	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
235	0645	3rd SHELF	
236		desk & drawers	
237		CAB DOORS	
238		" TOP SHELF	
239		" 2ND "	
240		" 3RD "	
241		" 4TH "	
242		BENCH & CUP	
243		BENCH	
244		BENCH & CUP	
245		BENCH	
246		TOP SHELF	
247		2ND "	
248		3RD "	
249		TOP "	
250		2ND "	
251		3RD "	
252		BENCH & DRAW	
253		" " "	
254		SIDE OF BENCH	
255		" " "	
256		FLOOR	
257		BENCH	
258		"	
259		" & DRAW	
260		"	
261	✓	TOP SHELF	

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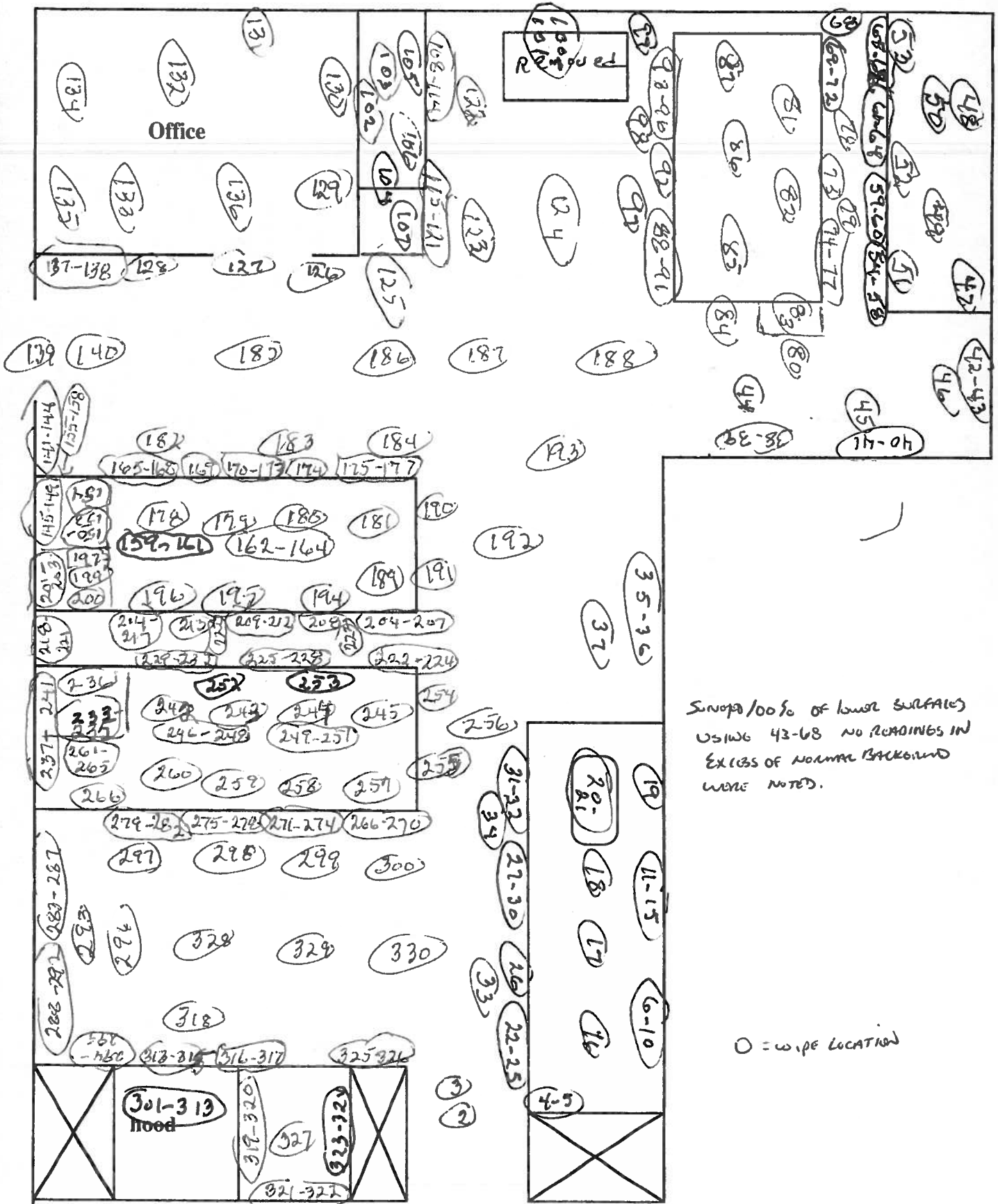
No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
262	0645	2ND SHELF	
263		3RD "	
264		4TH "	
265		LEFT "	
266		DESK & DWRS	
267		TOP DWRS	
268		2ND "	
269		3RD "	
270		4TH "	
271		TOP "	
272		2ND "	
273		3RD "	
274		4TH "	
275		TOP "	
276		2ND "	
277		3RD "	
278		4TH "	
279		TOP DWRS	
280		2ND "	
281		3RD "	
282		4TH "	
283		CAB DOORS	
284		" TOP SHELF	
285		" 2ND "	
286		" 3RD "	
287		" 4TH "	
288		CAB DOORS	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
289	0645	CAB TOP SHELF	
290		" 2ND "	
291		" 3RD "	
292		" 4TH "	
293		WALL (LOWER)	
294		UPPER WALL	
295		LOWER "	
296		FLOOR	
297		"	
298		"	
299		"	
300		"	
301		Hood RIGHT side	
302		" " BACKS	
303		" LEFT "	
304		" " side	
305		" RIGHT VENT	
306		" LEFT "	
307		" RIGHT BOTTOM	
308		" LEFT "	
309		" CUP	
310		" SASH	
311		" LIP	
312		" OUTSIDE LEFT	
313		" " RIGHT	
314		CAB DOORS	
315	✓	" INSIDE	



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\20121220_0950
\20121220_0950.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	19	11	39	
2	10	6	20	
3	17	5	24	
4	8	3	16	
5	6	2	11	
6	11	5	20	
7	-9	6	24	
8	9	6	17	
9	17	8	29	
10	16	6	24	

16621

11	13	2	16
12	7	8	20
13	14	5	21
14	13	8	26
15	10	9	24
16	9	4	19
17	4	8	18
18	10	3	17
19	3	4	11
20	10	7	23
21	12	9	21
22	10	8	24
23	7	4	13
24	13	5	23
25	0	9	15
26	10	4	18
27	6	6	14
28	10	5	16
29	10	1	17
30	8	3	15
31	10	6	19
32	4	11	19
33	7	8	20
34	10	6	19
35	11	5	24
36	7	7	19
37	11	11	26
38	15	11	32
39	9	7	22
40	11	6	20
41	11	8	24
42	13	5	21
43	15	2	24
44	10	6	20
45	1	7	19
46	13	3	20
47	9	3	17
48	2	5	14
49	8	9	19
50	8	5	17
51	13	11	28
52	9	5	23
53	17	9	31
54	12	6	24
55	2	12	16
56	8	7	18
57	10	11	28
58	7	5	18
59	9	11	24
60	13	9	24
61	12	7	26
62	11	6	27
63	9	5	21
64	18	3	22
65	3	13	20
66	6	10	19
67	12	6	29
68	10	6	21
69	7	5	16
70	6	7	17
71	7	5	18
72	7	3	12
73	20	11	35

74	11	4	18
75	17	5	24
76	6	6	16
77	8	6	20
78	9	4	17
79	11	9	24
80	5	1	11
81	9	5	16
82	9	9	23
83	14	10	28
84	10	8	20
85	5	3	16
86	10	2	12
87	9	4	16
88	8	11	23
89	6	4	11
90	14	6	23
91	17	6	30
92	8	7	17
93	12	7	20
94	10	6	19
95	16	7	28
96	7	7	22
97	10	5	17
98	6	5	15
99	9	5	17
100	6	6	15
101	9	7	18
102	11	4	20
103	3	9	14
104	14	5	26
105	11	5	20
106	12	7	22
107	14	5	26
108	11	5	21
109	12	3	21
110	11	8	23
111	7	7	17
112	6	9	16
113	13	3	20
114	8	10	21
115	7	8	24
116	12	2	15
117	7	5	18
118	7	5	13
119	8	2	12
120	16	9	29
121	13	4	26
122	13	5	23
123	9	5	18
124	10	4	18
125	15	7	26
126	6	11	22
127	13	7	25
128	5	6	16
129	8	9	22
130	20	14	37
131	8	7	20
132	13	6	21
133	14	13	29
134	14	8	25
135	8	5	22
136	10	3	18

137	15	4	24
138	13	5	22
139	5	6	17
140	15	8	27
141	12	8	25
142	13	9	30
143	8	7	19
144	14	4	23
145	7	0	9
146	12	6	18
147	7	9	23
148	5	3	13
149	13	6	22
150	12	4	19
151	4	7	18
152	7	4	15
153	10	4	17
154	10	4	16
155	13	5	26
156	6	10	20
157	16	6	24
158	10	4	20
159	11	4	21
160	9	6	19
161	13	3	23
162	18	5	27
163	7	8	21
164	15	6	26
165	8	16	29
166	7	6	16
167	3	7	19
168	6	6	17
169	6	8	22
170	7	5	14
171	13	4	21
172	15	6	26
173	13	3	21
174	10	7	21
175	9	6	18
176	8	5	20
177	11	7	23
178	12	8	26
179	14	11	28
180	10	6	23
181	9	9	22
182	4	10	18
183	9	10	26
184	6	8	19
185	14	8	29
186	11	4	20
187	12	8	27
188	14	9	25
189	6	2	15
190	9	6	19
191	11	2	19
192	9	9	21
193	11	8	27
194	9	8	22
195	16	7	27
196	9	4	16
197	11	3	19
198	12	6	21
199	14	9	27

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

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

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Protocol# 4 - Eds Monthly Swipes.lsa

User: Ed Gailor

326	8	8	20
327	13	6	20
328	9	6	22
329	9	11	25
330	10	4	19