

Radiological Survey Sheet

Job Location Pfizer, Inc. Groton, Ct. 06340

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Survey Purpose Radiologic Survey of Equipment

1180/D405

Date 1/25/13

Performed by DAVID DUCKOZ
(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:	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.	0800	BACKGROUND	
2.	↓	01F1 Floor	✓ (SEE # 722)
3.		01F2 Floor	✓ (SEE # 723)
4.		01F3 Floor	
5.		01F4 Floor	
6.		01F5 Floor	
7.		01F6 Floor	
8.		01F7 Floor	
9.		01F8 Floor	
10.		01W1 WALL	
11.		01W2 WALL	
12.		01W3 WALL	
13.		01W4 WALL	
14.		01W5 WALL	
15.		01W6 WALL	
16.		01W7 WALL	
17.		01W8 WALL	
18.		01W9 WALL	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
19		01W10 WALL	✓ (SEE # 724)
20		01W11 WALL	
21		01W12 WALL	
22		01W13 WALL	
23		01W14 WALL	
24		01W15 WALL	
25		01W16 WALL	
26		01W17 WALL	
27		01W18 WALL	
28		01W19 WALL	
29		01W20 WALL	
30		01W21 WALL	
31		01W22 WALL	
32		01W23 WALL	
33		01W24 WALL	
34		01W25 WALL	
35		01W26 WALL	
36		01W27 WALL	
37		01W28 WALL	
38		01W29 WALL	
39		01W30 WALL	
40		01W31 WALL	
41		01W32 WALL	
42		01W33 WALL	
43		01W34 WALL	
44		01W35 WALL	
45	↓	01W36 WALL	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
46		01W37 WALL	
47		01W38 WALL	
48		01W39 WALL	
49		01W40 WALL	✓ (SEE # 725)
50		01W41 WALL	
51		01W42 WALL	✓ (SEE # 726)
52		01W43 WALL	
53		01W44 WALL	
54		01W45 WALL	
55		01W46 WALL	
56		01W47 WALL	
57		01S1 SILL	
58		01S2 SILL	
59		01S3 SILL	
60		01S4 SILL	✓ (SEE # 727)
61		02F1 Floor	✓ (SEE # 728)
62		02F2 Floor	✓ (SEE # 729)
63		02F3 Floor	
64		02F4 Floor	✓ (SEE # 730)
65		02F5 Floor	
66		02F6 Floor	
67		02F7 Floor	
68		02F8 Floor	
69		02W1 WALL	
70		02W2 WALL	
71		02W3 WALL	
72		02W4 WALL	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
73		02w5 wA11	
74		02w6 wA11	
75		02w7 wA11	
76		02w8 wA11	
77		02w9 wA11	
78		02w10 wA11	
79		02w11 wA11	✓ (see # 731)
80		02w12 wA11	
81		02w13 wA11	
82		02w14 wA11	
83		02w15 wA11	
84		02w16 wA11	
85		02w17 wA11	
86		02w18 wA11	
87		02w19 wA11	
88		02w20 wA11	
89		02w21 wA11	
90		02w22 wA11	
91		02w23 wA11	
92		02w24 wA11	
93		02w25 wA11	
94		02w26 wA11	
95		02w27 wA11	
96		02w28 wA11	
97		02w29 wA11	
98		02w30 wA11	
99		02w31 wA11	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
100		02W32 WHI	
101		02W33 WHI	
102		02W34 WHI	
103		02W35 WHI	
104		02W36 WHI	
105		02W37 WHI	
106		02W38 WHI	
107		02S1 SILL	
108		02S2 SILL	
109		02S3 SILL	
110		02S4 SILL	
111		F1 Floor	
112		F2 Floor	
113		F3 Floor	
114		F4 Floor	
115		F5 Floor	✓ (SEE # 732)
116		F6 Floor	
117		F7 Floor	
118		F8 Floor	
119		F9 Floor	✓ (SEE # 733)
120		F10 Floor	
121		F11 Floor	
122		F12 Floor	
123		F13 Floor	
124		F14 Floor	
125		F15 Floor	
126	↓	F16 Floor	✓ (SEE # 734)

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
127		F17 Floor	
128		F18 Floor	
129		F19 Floor	
130		F20 Floor	
131		F21 Floor	
132		F22 Floor	
133		F23 Floor	
134		F24 Floor	
135		F25 Floor	
136		F26 Floor	
137		F27 Floor	
138		F28 Floor	
139		F29 Floor	
140		F30 Floor	
141		F31 Floor	✓ (SEE # 735)
142		F32 Floor	
143		F33 Floor	
144		F34 Floor	✓ (SEE # 736)
145		F35 Floor	
146		F36 Floor	
147		F37 Floor	
148		F38 Floor	
149		F39 Floor	
150		F40 Floor	
151		F41 Floor	
152		F42 Floor	
153		F43 Floor	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
154		F44 Floor	
155		F45 Floor	
156		F46 Floor	
157		F47 Floor	
158		F48 Floor	
159		F49 Floor	
160		F50 Floor	
161		F51 Floor	
162		F52 Floor	
163		F53 Floor	
164		F54 Floor	
165		F55 Floor	
166		F56 Floor	// (see # 737)
167		F57 Floor	
168		W1 Wall	
169		W2 Wall	
170		W3 Wall	
171		W4 Wall	
172		W5 Wall	
173		W6 Wall	
174		W7 Wall	
175		W8 Wall	
176		W9 Wall	
177		W10 Wall	
178		W11 Wall	
179		W12 Wall	
180	↓	W13 Wall	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
181		W14 WAI1	
182		W15 WAI1	
183		W16 WAI1	
184		W17 WAI1	
185		W18 WAI1	
186		W19 WAI1	
187		W20 WAI1	
188		W21 WAI1	
189		W22 WAI1	
190		W23 WAI1	
191		W24 WAI1	✓ (SEE # 738)
192		W25 WAI1	
193		W26 WAI1	
194		W27 WAI1	
195		W28 WAI1	
196		W29 WAI1	
197		W30 WAI1	
198		W31 WAI1	
199		W32 WAI1	
200		W33 WAI1	
201		W34 WAI1	
202		W35 WAI1	// (SEE # 739)
203		W36 WAI1	✓ (SEE # 740)
204		W37 WAI1	
205		W38 WAI1	
206		W39 WAI1	
207		W40 WAI1	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
208		w41 WPH	
209		w42 WPH	
210		w43 WPH	
211		w44 WPH	
212		w45 WPH	
213		w46 WPH	
214		w47 WPH	
215		w48 WPH	✓ (Sec # 745)
216		w49 WPH	✓ (Sec # 746)
217		w50 WPH	✗
218		w51 WPH	
219		w52 WPH	
220		w53 WPH	
221		w54 WPH	
222		w55 WPH	✓ (Sec # 747)
223		w56 WPH	
224		w57 WPH	
225		w58 WPH	✓ (Sec # 748)
226		w59 WPH	
227		w60 WPH	
228		w61 WPH	
229		w62 WPH	
230		w63 WPH	
231		w64 WPH	
232		w65 WPH	
233		w66 WPH	
234	↓	w67 WPH	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
235		W68 WAI	
236		W69 WAI	✓ (See # 749)
237		W70 WAI	
238		W71 WAI	
239		W72 WAI	
240		W73 WAI	
241		W74 WAI	
242		W75 WAI	
243		W76 WAI	
244		P1 pipe	
245		P2 pipe out	✓ radiate
246		P2 pipe in	✓ radiate
247		P3 pipe out	✓ radiate
248		P3 pipe in	✓ radiate
249		Pipe 4 P4	✓ (See # 2374 ⁷⁵⁰)
250		Pipe 5 out	radiate
251		pipe in P5	✓ radiate
252		P6 pipe out	✓ radiate
253		P6 pipe in	✓ radiate
254		P7 pipe	
255		P8 pipe	
256		P9	
257		P10	✓ (See # 918)
258		C1 CASNET	✓ (See # 885)
259		C2 CASNET	✓ (See # 886)
260		C3 CASNET	✓ (See # 887)
261	↓	C2 INSIDE CASNET	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
262		C3 INSIDE CABINET	
263		C4 CABINET	✓ (See #888)
264		P11 PIPE	
265		C5 CABINET	✓ (See #889)
266		C6 CABINET	✓ (See #890)
267		C5 INSIDE CABINET	✓ (See #897)
268		C6 INSIDE CABINET	
269		S1 Shelf 1	✓ (See #898)
270		P12 PIPE	
271		C7 CABINET	✓ (See #899)
272		C8 CABINET OUT	✓ (See #900)
273		C9 CABINET IN	✓ (See #901)
274		C9 CABINET OUT	✓ (See #892)
275		C9 CABINET IN	
276		C10 CABINET OUT	✓ (See #891)
277		C10 CABINET IN	
278		C11 CABINET	
279		C12 CABINET	
280		C13 CABINET	✓ (See #902)
281		C14 CABINET OUT	✓ (See #903)
282		C14 CABINET IN	✓ (See #904)
283		C15 CABINET OUT	✓ (See #905)
284		C15 CABINET IN	✓ (See #906)
285		C16 CABINET OUT	✓ (See #907)
286		C16 CABINET IN	✓ (See #908)
287		C17 CABINET	✓ (See #909)
288		C18 CABINET OUT	✓ (See #910)

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
289		C18 CABINET IN	
290		C19 CABINET OUT	✓ (See # 911)
291		C19 CABINET IN	
292		S2 shelf	
293		C20 CABINET	✓ (See # 912)
294		C21 CABINET OUT	✓ (See # 913)
295		C22 CABINET IN	✓ (See # 914)
296		C22 CABINET OUT	✓ (See # 915)
297		C22 CABINET IN	✓ (See # 916)
298		C23 CABINET	
299		P13 PIPES	✓ (See # 917)
300		P14 PIPE	
301		C24 CABINET OUT	
302		C24 CABINET IN	
303		C25 CABINET OUT	✓ (See # 859)
304		C25 CABINET IN	
305		P15 PIPE	
306		P16 PIPE	
307		C26 CABINET	✓ (See # 860)
308		C27 CABINET OUT	✓ (See # 861)
309		C27 CABINET IN	
310		C28 CABINET OUT	
311		C28 CABINET IN	✓ (See # 862)
312		S3 shelf	
313		C29 CABINET	✓ (See # 863)
314		C30 CABINET OUT	
315		C30 CABINET IN	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
316		C31 CABINET OUT	
317		C31 CABINET IN	
318		C32 CABINET OUT	
319		C32 CABINET IN	
320		C33 CABINET	
321		C34 CABINET	
322		C35 CABINET	✓ (See # 804)
323		C36 CABINET OUT	✓ (See # 755)
324		C36 CABINET IN	✓ (See # 754)
325		C37 CABINET OUT	
326		C37 CABINET IN	
327		C38 CABINET OUT	
328		C38 CABINET IN	
329		C39 CABINET	✓ (See # 805)
330		C40 CABINET OUT	
331		C40 CABINET IN	
332		C41 CABINET OUT	✓ (See # 806)
333		C41 CABINET IN	
334		S4 shelf	
335		P17 pipe	
336		C42 CABINET	✓ (See # 807)
337		C43 CABINET OUT	(See # 808)
338		C43 CABINET IN	
339		C44 CABINET OUT	✓ (See # 809)
340		C44 CABINET IN	
341		S5 shelf	
342	↓	P18 pipe	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
343		C45 CABINET	(SEE # 764)
344		C46 CABINET	(SEE # 765)
345		C47 CABINET	(SEE # 766)
346		C48 CABINET OUT	(SEE # 751)
347		C48 CABINET IN	
348		C49 CABINET OUT	(SEE # 752)
349		C49 CABINET IN	(SEE # 753)
350		C50 CABINET OUT	
351		C50 CABINET IN	
352		C57 CABINET OUT	
353		C51 CABINET IN	
354		C52 CABINET OUT	
355		C52 CABINET IN	
356		C53 CABINET OUT	(SEE # 762)
357		C53 CABINET IN	(SEE # 763)
358		C54 CABINET OUT	(SEE # 760)
359		C54 CABINET IN	(SEE # 761)
360		C55 CABINET OUT	(SEE # 756)
361		C55 CABINET IN	(SEE # 757)
362		C56 CABINET OUT	(SEE # 771)
363		C56 CABINET IN	
364		C57 CABINET OUT	(SEE # 758)
365		C57 CABINET IN	(SEE # 759)
366		C58 CABINET OUT	(SEE # 772)
367		C58 CABINET IN	(SEE # 773)
368		S6 Shelf	
369		C59 CABINET	(SEE # 774)

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
370		C60 CABINET	✓ (SEE # 775)
371		C61 CABINET OUT	✓ (SEE # 776)
372		C61 CABINET IN	
373		C62 CABINET OUT	✓ (SEE # 777)
374		C62 CABINET IN	
375		C63 CABINET	
376		C64 CABINET OUT	// (SEE # 769)
377		C64 CABINET IN	✓ (SEE # 770)
378		C65 CABINET OUT	// (SEE # 787)
379		C65 CABINET IN	✓ (SEE # 768)
380		C66 CABINET OUT	✓ (SEE # 793)
381		C66 CABINET IN	
382		C67 CABINET OUT	✓ (SEE # 794)
383		C67 CABINET IN	
384		S7 Shelf	
385		C68 CABINET OUT	// (SEE # 788)
386		C68 CABINET IN	// (SEE # 786)
387		C69 CABINET OUT	✓ (SEE # 783)
388		C69 CABINET IN	✓ (SEE # 784)
389		C70 CABINET OUT	✓ (SEE # 781)
390		C70 CABINET IN	✓ (SEE # 782)
391		C71 CABINET OUT	✓ (SEE # 780)
392		C71 CABINET IN	
393		C72 CABINET OUT	✓ (SEE # 778)
394		C72 CABINET IN	✓ (SEE # 779)
395		C73 CABINET OUT	✓ (SEE # 789)
396		C73 CABINET IN	✓ (SEE # 790)

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No.	Time	Locations		See attached LSC printout for Total Activity (cpm/100 cm ²)
397		C74 CABINET OUT	✓	(SEE # 791)
398		C74 CABINET IN	✓	(SEE # 792)
399		C75 CABINET	✓	(SEE # 795)
400		C76 CABINET	✓	(SEE # 767)
401		C77 CABINET		
402		C78 CABINET		
403		C79 CABINET		
404		C80 CABINET	✓	(SEE # 919)
405		C81 CABINET		
406		SKI SINK	✓	(SEE # 920)
407		SKI DRAIN LINE	✓	WASTE
408		FANOUT	✓	(SEE # 921)
409		EYEWASH	✓	(SEE # 922)
410		C721 CONTROL	✓	(SEE # 711)
411		C722 CONTROL		
412		C723 CONTROL	✓	(SEE # 712)
413		C724 CONTROL		
414		C725 CONTROL	✓	(SEE # 713)
415		C726 CONTROL		
416		C727 CONTROL		
417		C728 CONTROL	✓	(SEE # 714)
418		SS Shelf		
419		S9 Shelf	✓	(SEE # 768)
420		BOTTOM S8/S9		
421		C82 CABINET OUT	✓	(SEE # 800 800)
422		C82 CABINET IN	✓	(SEE # 801)
423	✓	C83 CABINET OUT	✓	(SEE # 798)

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
424		C83 CABINET IN	✓ (SEE # 799)
425		C84 CABINET OUT	✓ (SEE # 797)
426		C84 CABINET IN	
427		C85 CABINET OUT	✓ (SEE # 796)
428		C85 CABINET IN	
429		C86 CABINET	
430		C87 CABINET	
431		C88 CABINET	✓ (SEE # 803)
432		C89 CABINET	✓ (SEE # 804)
433		C90 CABINET	
434		C91 CABINET	✓ (SEE # 805)
435		C92 CABINET	
436		C93 CABINET	
437		C94 CABINET OUT	
438		C94 CABINET IN	✓ (SEE # 806)
439		C85 CABINET OUT	
440		C95 CABINET IN	✓ (SEE # 807)
441		S10 Shelf	✓ (SEE # 802)
442		Hoses	✓ RADIUMS
443		C96 CABINET	
444		C97 CABINET	✓ (SEE # 808)
445		C98 CABINET	
446		C99 CABINET	
447		H1 Hood Lip	✓ RADIUMS
448		H2 Hood Lip	✓
449		H3 Hood Lip	✓
450		H4 Hood Lip	✓

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
451		H5 Hood Lip	✓ redwaste
452		H6 Hood Lip	✓ ↓
453		H7 Hood RIGHT FRONT	✓ (See # 943 944) (See # 943)
454		H8 Hood SASH OUT	✓ See (See # 945 955)
455		H8 Hood SASH IN	✓ (See # 945 956)
456		H9 Hood SASH OUT	✓ (See # 957 958)
457		H9 Hood SASH IN	✓ (See # 957 958)
458		H10 Hood SASH OUT	✓ (See # 958 959)
459		H10 Hood SASH IN	✓ (See # 958 960)
460		H11 Hood SASH OUT	✓ (See # 959 961)
461		H11 Hood SASH IN	✓ (See # 959 962)
462		H12 Hood SASH OUT	✓ (See # 960 963)
463		H12 Hood SASH IN	✓ (See # 960 964)
464		H13 Hood SASH OUT	✓ (See # 961 965)
465		H13 Hood SASH IN	✓ (See # 961 966)
466		H14 Hood FRONT LEFT	✓
467		H15 Hood FRONT	
468		H16 Hood FRONT	
469		H17 Hood FRONT	
470		H18 Hood FRONT	
471		H19 Hood FRONT	
472		H20 Hood FRONT	
473		H21 Hood FRONT	
474		H22 Hood FRONT	
475		H23 Hood FRONT	
476		H24 Hood FRONT	
477		H25 Hood FRONT	✓

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
478		H26 Hood front	
479		H27 Hood	
480		H28 Hood	
481		H29 Hood	
482		H30 Hood left front	✓ (See # 812)
483		LIGHT	✓ (See # 811)
484		H31 Hood Lip	
485		H32 Hood Lip	✓ (See # 809)
486		H33 Hood Lip	✓ (See # 810)
487		H34 LIGHT front Hood	
488		H35 front Hood	
489		H36 front Hood	
490		H37 front Hood	
491		H38 OUTSIDE Hood SASH	✓ (See # 853)
492		H37 OUTSIDE Hood SASH	✓ (See # 854)
493		H40 OUTSIDE Hood SASH	✓ (See # 855)
494		H40 INSIDE SASH	✓ (See # 856)
495		H39 INSIDE SASH	✓ (See # 857)
496		H38 INSIDE SASH	✓ (See # 858)
497		H39 Hood Lip H35 front front Hood	
498		H40 Hood Lip H36 Hood Lip	✓ (See # 816)
499		H41 Hood	
500		LIGHT	
501		H42 front Hood ^{Hood}	
502		H43 Hood Lip	
503		H44 Hood Lip front	
504	✓	H45 Hood Lip	✓ (See # 817)

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505		H46 FRONT RIGHT HOOD LIP	✓ (See # 818)
506		H47 FRONT HOOD LIP	
507		H48 FRONT HOOD RIGHT	✓ (See # 819)
508		H49 FRONT HOOD	
509		H50 FRONT HOOD	
510		H51 FRONT HOOD	
511		H52 HOOD SASH OUT	✓ (See # 820)
512		H53 HOOD SASH OUT	
513		H54 HOOD SASH OUT	
514		H52 HOOD SASH IN	
515		H53 HOOD SASH IN	
516		H54 HOOD SASH OUT	
517		H57 HOOD LIP	
518		H58 HOOD LIP	
519		H59 HOOD LIP	
520		H60 HOOD LIP	✓ (See # 821)
521		H61 HOOD LIP	
522		H62 RIGHT FRONT HOOD	
523		H63 FRONT HOOD	
524		H64 HOOD	
525		H65 HOOD	
526		H66 HOOD	
527		H67 HOOD	
528		H68 HOOD	
529		H69 HOOD	
530		H70 HOOD	
531	↓	H71 HOOD	

Radiological Survey Continuation Sheet

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
532		H72 Hood	
533		H73 Hood	
534		H74 Hood	
535		H75 OUTSIDE SASH	
536		H75 INSIDE SASH	
537		H76 OUTSIDE SASH	
538		H76 INSIDE SASH	
539		H77 OUTSIDE SASH	
540		H77 INSIDE SASH	
541		H78 OUTSIDE SASH	
542		H78 INSIDE SASH	
543		H79 OUTSIDE SASH	
544		H79 INSIDE SASH	
545		H80 OUTSIDE SASH	
546		H80 INSIDE SASH	
547		H81 INSIDE HOOD	
548		H82 INSIDE HOOD	
549		H83 INSIDE HOOD	
550		H84 INSIDE HOOD	✓ (See # 842)
551		H84 VENT PATH	
552		H84 NOZZLE	
553		FANCT	✓ (See # 843)
554		Piping	
555		SK2 sink	✓ (See # 844)
556		SK2 DRAIN	
557		CTRL 9 control	✓ (See # 845)
558	✓	CTRL 10 control	✓✓ (See # 845 845) 944)

Radiological Survey Continuation Sheet

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Date 1/25/13

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
559		H86 INSIDE HOOD	
560		H85 INSIDE HOOD	✓ (See #846)
561		H85 PIPING	
562		H85 NOZZLES	
563		H85 VENT PATH	
564		SK3 SINK	✓✓ (See #847)
565		SK3 DRAIN	(Radwaste)
566		BOTTOM GAR	
567		MIDDLE GAR	
568		TOP GAR	
569		CTR 11 counter	✓ (See #848)
570		SK4 SINK	
571		SK4 DRAIN	
572		H87 HOOD INSIDE	
573		H88 HOOD INSIDE	✓ (See #849)
574		H88 VENT PATH	
575		H88 NOZZLES	✓ (See #850)
576		H89 HOOD	
577		H90 HOOD	
578		H90 VENT PATH	
579		H90 NOZZLES	
580		CTR 12 counter	✓ (See #851)
581		SK 5 SINK	✓ (See #852)
582		SK 5 DRAIN	
583		BOTTOM GAR	
584		MIDDLE GAR	
585		TOP GAR	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
586		Piping	
587		BAR 1 (R)	
588		BAR 2	
589		BAR 3	
590		BAR 4	
591		BAR 5	
592		BAR 6	
593		BAR 7	
594		BAR 8	
595		BAR 9	
596		BAR 10	
597		ETP#2 BAR TOP	
598	↓	ETP#2 BAR BOTTOM	
599	0915	Hood control CTR 13	✓ (see #813)
600		CTR 14 Hood control	✓ (see #814)
601		H92 Hood	✓ (see #815)
602		H91 Hood	
603		SK6 Sink	
604		SK6 Drain Line	
605		H92 Nozzles	✓ radiocate
606		H92 vent PATH	
607		H93 Hood	
608		H94 Hood	
609		H94 Nozzle	
610		H94 vent PATH	
611		SK 7 Sink	
612	↓	SK 7 drain Line	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
613		H97 Hood	
614		MORTAL SCREEN	
615		H95 Hood	
616		H96 Hood	
617		H98 Hood	
618		MORTAL SCREEN	
619		HOOD DUCT	
620		H99 Hood	
621		MORTAL SCREEN	
622		H100 Hood	
623		MORTAL SCREEN	
624		HOOD DUCT	
625		H101 Hood	
626		MORTAL DUCT ^{sp} SCREEN	
627		H102 Hood	
628		MORTAL DUCT ^{sp} SCREEN	
629		HOOD DUCT	
630		CPL 15 CONTROL	✓ (See # 822)
631		CPL 16 CONTROL	✓ (See # 823)
632		CPL 17 CONTROL	✓ (See # 824)
633		CPL 18 CONTROL	✓ (See # 825)
634		CPL 19 CONTROL	✓ (See # 826)
635		CPL 20 CONTROL	✓ (See # 827)
636		CPL 21 CONTROL	✓ (See # 828)
637		CPL 22 CONTROL	✓ (See # 829)
638		H103 Hood	✓ (See # 830)
639	✓	H103 N:22103	✓ (See # 831)

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
640		H103 pipe ✓	(See # 832)
641		H03 FINUT ✓✓	(See # 834)
642		H104 Hood ✓	(See # 833)
643		H104 inside papers	
644		H105 Hood	
645		H105 WASTE CHUTE	
646		H105 pipe * ✓	(See # 835)
647		H106 Hood	
648		MANTEL SHROUD	
649		MANTEL SHROUD	
650		H107 Hood ✓	(See # 836)
651		H107 WASTE CHUTE	
652		H108 Hood	
653		MANTEL SHROUD ✓	(See # 837)
654		H109 Hood	
655		H109 Hood	
656		MANTEL SHROUD	
657		UP SINK SLS ✓	(See # 838)
658		SLS DRAIN ✓	radiation
659		H111 Hood ✓	radiation
660		Hood DUCT ✓	radiation
661		H112 Hood ✓	
662		H113 Hood ✓	(See # 839)
663		Hood DUCT ✓✓	radiation
664		H114 Hood	
665		H115 Hood ✓	(See # 840)
666		H116 Hood ✓	(See # 841)

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Date 1/28/13

No.	Time	Locations		See attached LSC printout for Total Activity (cpm/100 cm ²)	
667		CTR 23 CONTROL	W	radiate	
668		SK 9 SINK	W		
669		SK 9 DRAIN	✓	↓	
670		SK 10 SINK	W		
671		SK 10 DRAIN	W		
672		CTR 24 CONTROL	W		
673		CTR 25 CONTROL	W		
674		CTR 26 CONTROL	//		
675		CTR 27 CONTROL	//		
676		CTR 28 CONTROL	//		
677		SK 11 SINK	//		
678		SK 11 DRAIN	//		
679		SK 12 SINK	//		
680		SK 12 DRAIN	//		
681		SK 13 SINK	//		
682		SK 13 DRAIN	✓		
683		SK 14 SINK	//		
684		SK 14 DRAIN	✓		
685		H 117 HOOD	✓		
686		H 118 HOOD			
687		H 119 HOOD	//		radiate
688		H 120 HOOD	//		
689		FANCOY	W	↓	
690		H 119 FLOW PATH	W		
691		H 121 HOOD	//		
692		H 122 HOOD	//		
693		H 121 FLOW PATH	//		

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
694	699	H123 Hood	//
695		H124 Hood	✓
696		H123 Flow PATH	//
697		H123 Inside piping	
698		H125 Hood	//
699		H126 Hood	//
700		H125 Flow PATH	//
701		H127 Hood	//
702		H128 Hood	✓
703		H127 Inside piping	✓
704		H127 Flow PATH	//
705		H129 Hood	//
706		H130 Hood	✓
707		H129 Flow PATH	✓
708		Flow	//
709		H131 Hood	✓
710		H132 Hood	
711		H133 Hood	
712		H134 Hood Monitor screen sp	✓
713		Hood Duct	✓
714		H135 Hood	
715		H136 Hood	
716		Hood Duct	✓
717		H137 Hood	✓
718		H138 Hood	//
719		Hood Duct	//
720		Back floor	

radiowaste

radiowaste

radiowaste

radiowaste



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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
721	0800	Skyl	
722		POST DECN # 2	
723		POST DECN # 3	
724		POST DECN # 19	
725		POST DECN # 49	
726		POST DECN # 51	
727		POST DECN # 60	
728		POST DECN # 61	
729		POST DECN # 62	
730		POST DECN # 64	
731		POST DECN # 79	
732		POST DECN # 115	
733		POST DECN # 119	✓ (See # 870)
734		POST DECN # 126	
735		POST DECN # 111	✓ (See # 871)
736		POST DECN # 144	
737		POST DECN # 166	✓ (See # 872)
738		POST DECN # 191	
739		POST DECN # 202	
740		POST DECN # 203	
741		POST DECN # 410	
742		POST DECN # 411	
743		POST DECN # 412	
744		POST DECN # 413	
745		POST DECN # 215	
746		POST DECN # 216	
747		POST DECN # 222	

Radiological Survey Continuation Sheet

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
748		Post Decw # 225	
749		Post Decw # 236	
750		Post Decw # 249	
751		Post Decw # 316	
752		Post Decw # 318	
753		Post Decw # 349	
754		Post Decw # 324	
755		Post Decw # 323	
756		Post Decw # 360	
757		Post Decw # 361	
758		Post Decw # 364	
759		Post Decw # 365	
760		Post Decw # 358	
761		Post Decw # 359	
762		Post Decw # 386	
763		Post Decw # 357	
764		Post Decw # 343	
765		Post Decw # 344	
766		Post Decw # 345	
767		Post Decw # 400	
768		Post Decw # 419	
769		Post Decw # 376	✓ (See # 873)
770		Post Decw # 377	✓ (See # 874)
771		Post Decw # 362	
772		Post Decw # 366	
773		Post Decw # 367	
774	✓	Post Decw # 369	✓ (See # 875)

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
775		POST DECON # 370	
776		POST DECON # 371	
777		POST DECON # 373	
778		POST DECON # 393	
779		POST DECON # 394	
780		POST DECON # 391	
781		POST DECON # 389	
782		POST DECON # 390	
783		POST DECON # 387	
784		POST DECON # 388	
785		POST DECON # 385	
786		POST DECON # 386	✓ (See # 876)
787		POST DECON # 378	
788		POST DECON # 379	
789		POST DECON # 395	
790		POST DECON # 396	
791		POST DECON # 397	
792		POST DECON # 398	
793		POST DECON # 280	
794		POST DECON # 382	
795		POST DECON # 399	
796		POST DECON # 427	
797		POST DECON # 425	
798		POST DECON # 423	
799		POST DECON # 424	
800		POST DECON # 421	
801	↓	POST DECON # 422	✓ (See # 877)

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
802		POST DECN # 441	✓ (See # 878)
803		POST DECN # 431	
804		POST DECN # 432	✓ (See # 879)
805		POST DECN # 434	
806		POST DECN # 438	✓ (See # 880)
807		POST DECN # 440	
808		POST DECN # 444	
809		POST DECN # 485	
810		POST DECN # 486	
811		POST DECN # 483	
812		POST DECN # 482	
813		POST DECN # 559	
814		POST DECN # 600	
815		POST DECN # 601	
816		POST DECN # 498	
817		POST DECN # 504	
818		POST DECN # 505	
819		POST DECN # 507	
820		POST DECN # 571	
821		POST DECN # 520 520	
822		POST DECN # 630	✓ (See # 881)
823		POST DECN # 631	
824		POST DECN # 632	
825		POST DECN # 633	✓ (See # 882)
826		POST DECN # 634	✓ (See # 893)
827		POST DECN # 635	✓ (See # 894)
828	✓	POST DECN # 636	✓ (See # 895)

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
829		Post DecW # 637	✓ (See # 896)
830		Post DecW # 638	
831		Post DecW # 639	
832		Post DecW # 640	✓ (See # 883)
833		Post DecW # 642	
834		Post DecW # 641	
835		Post DecW # 646	
836		Post DecW # 650	✓ (See # 884)
837		Post DecW # 653	
838		Post DecW # 657	
839		Post DecW # 662	
840		Post DecW # 665	
841		Post DecW # 666	
842		Post DecW # 550	
843		Post DecW # 553	
844		Post DecW # 555	
845		Post DecW # 557	
846		Post DecW # 560	
847		Post DecW # 564	
848		Post DecW # 569	
849		Post DecW # 573	
850		Post DecW # 575	
851		Post DecW # 580	
852		Post DecW # 581	
853		Post DecW # 491	
854		Post DecW # 492	✓ (See # 896)
855	✓	Post DecW # 493	✓ (See # 896)

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2/2/13

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
856		POST DECN# 494	969 (See # 95899)
857		POST DECN# 495	(See # 955970)
858		POST DECN# 496	(See # 960971)
859	0930	POST DECN# 303	(See # 939)
860		POST DECN# 302	
861		POST DECN# 308	(See # 940)
862		POST DECN# 311	
863		POST DECN# 313	
864		POST DECN# 322	
865		POST DECN# 329	
866		POST DECN# 332	
867		POST DECN# 336	
868		POST DECN# 337	
869		POST DECN# 339	
870		POST DECN# 733	
871		POST DECN# 735	(See # 915)
872		POST DECN# 737	(See # 946)
873		POST DECN# 769	
874		POST DECN# 770	(See # 924)
875		POST DECN# 774	
876		POST DECN# 786	
877		POST DECN# 801	
878		POST DECN# 802	(See # 925)
879		POST DECN# 804	(See # 942)
880		POST DECN# 806	(See # 941)
881		POST DECN# 822	
882		POST DECN# 825	

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Date 2/2/13

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
883		Post Decw # 832	
884		Post Decw # 836	
885		Post Decw # 258	(See # 936)
886		Post Decw # 257	(See # 937)
887		Post Decw # 260	(See # 938)
888		Post Decw # 263	(See # 933)
889		Post Decw # 265	
890		Post Decw # 266	
891		Post Decw # 276	
892		Post Decw # 274	
893		Post Decw # 826	radiometer
894		Post Decw # 827	radiometer
895		Post Decw # 828	radiometer
896		Post Decw # 829	radiometer
897		Post Decw # 267	
898		Post Decw # 269	
899		Post Decw # 271	(See # 932)
900		Post Decw # 272	
901		Post Decw # 273	
902		Post Decw # 280	(See # 931)
903		Post Decw # 281	
904		Post Decw # 282	
905		Post Decw # 283	
906		Post Decw # 284	
907		Post Decw # 285	
908		Post Decw # 286	
909		Post Decw # 287	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
910		Post Decon # 288	✓ (See # 928)
911		Post Decon # 270	(See # 929)
912		Post Decon # 293	✓ (See # 930)
913		Post Decon # 294	
914		Post Decon # 295	
915		Post Decon # 296	
916		Post Decon # 297	✓ (See # 927)
917		Post Decon # 299	
918		Post Decon # 257	
919		Post Decon # 404	
920		Post Decon # 406	
921		Post Decon # 408	✓ (See # 924)
922	↓	Post Decon # 409	
2M13 923	1100	BACKGROUND	
924		Post Decon # 874	
925		Post Decon # 878	
926		Post Decon # 921	✓ (RADWASTE)
927		Post Decon # 916	
928		Post Decon # 910	
929		Post Decon # 911	✓ (See # 948)
930		Post Decon # 912	
931		Post Decon # 902	
932		Post Decon # 899	
933		Post Decon # 888	
934		Post Decon # C25 CABINET	
935		Post Decon # C27 CABINET	
936	↓	Post Decon # 885	

Radiological Survey Continuation Sheet

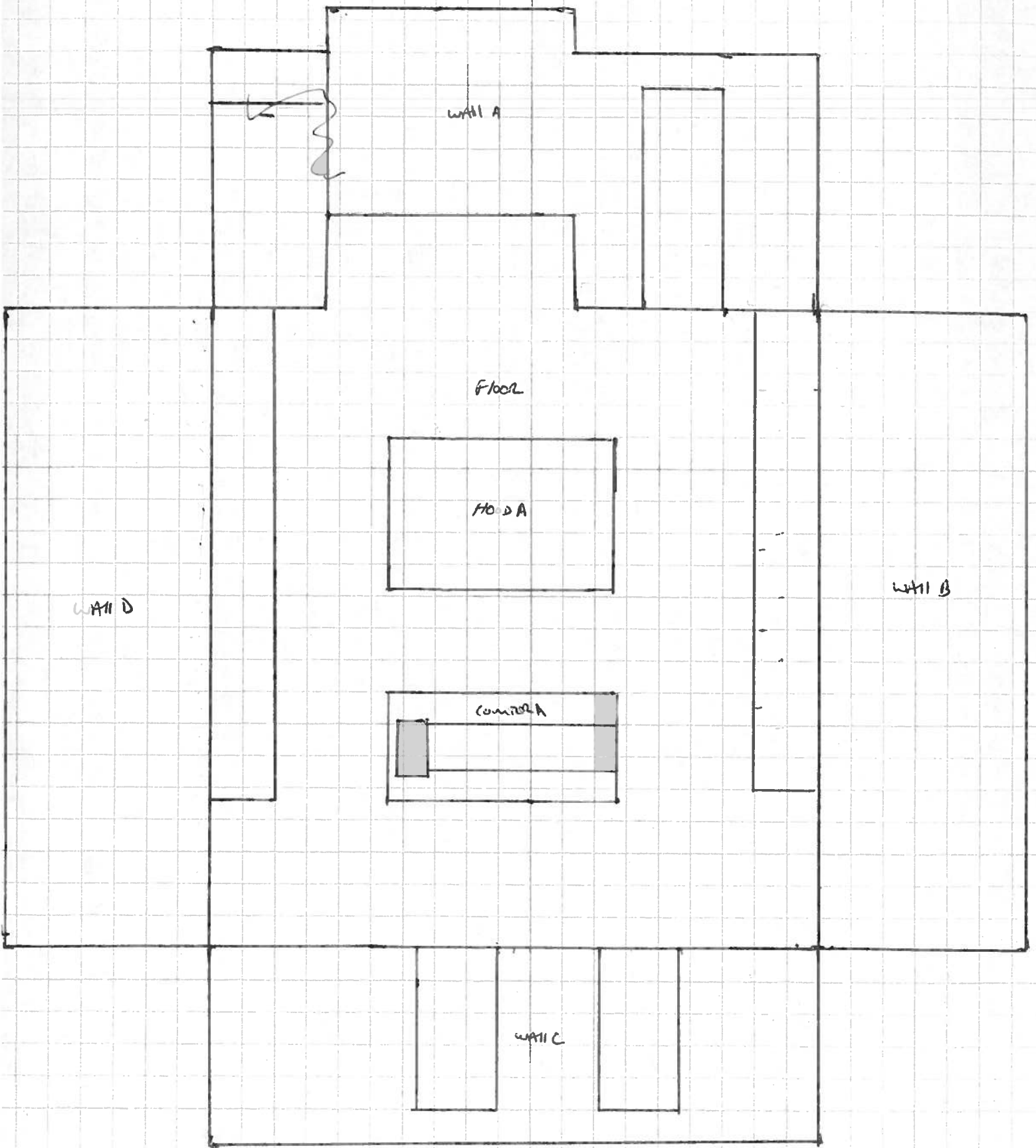
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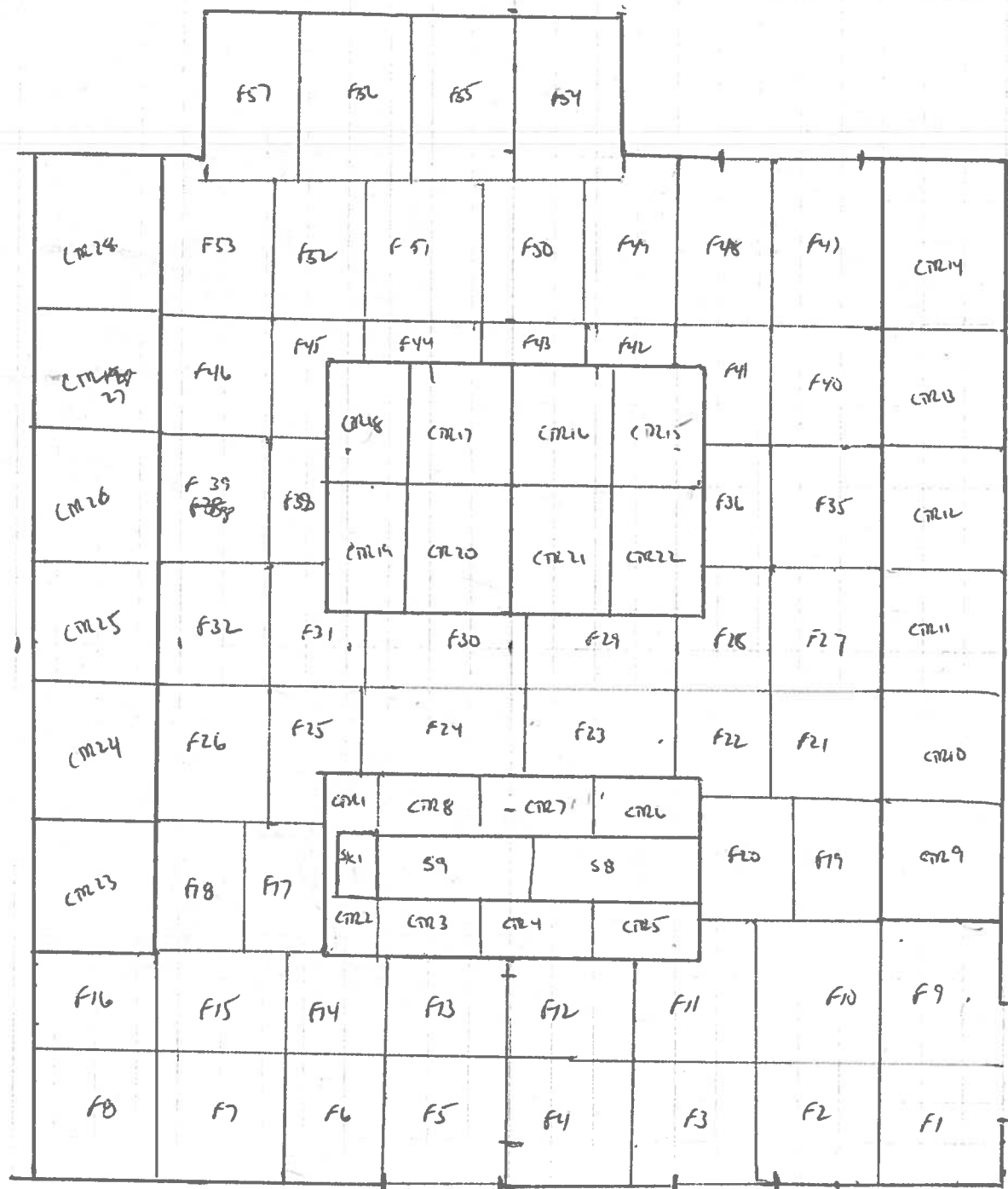
No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
937		POST DECK # 886	
938		POST DECK # 887	
939		POST DECK # 889	✓ (See # 949)
940		POST DECK # 891	✓ (See # 950)
941		POST DECK # 880	✓ (See # 951)
942		POST DECK # 879	✓ (See # 952)
2/4/13	2/4/13	1618	POST DECK # 453
944		POST DECK # 558	
945		POST DECK # 871	
946		POST DECK # 872	
947		POST DECK # 926	✓ (RADWASTE)
948		POST DECK # 929	
949		POST DECK # 939	
950		POST DECK # 940	
951		POST DECK # 941	
952		POST DECK # 942	
953		POST DECK # 501 on counter	
2/11/13	2/11/13	1100	OUTSIDE SASH
955		POST DECK # 454	
956		POST DECK # 455	
957		POST DECK # 456	
958		POST DECK # 457	
959		POST DECK # 458	
960		POST DECK # 459	
961		POST DECK # 460	
962		POST DECK # 461	
963		POST DECK # 462	

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118D 1D405 FLOORS/COUNTERS



WATS

WATS D

W42	H74	H72	H76	H68	H66	H64	W36	W37
W45	H73	H71	H65	H67	H65	H63	W70	W71
	H93	H91	H89	H87	H86	H87		
	H94	H92	H90	H88	H85	H84		
W60	H56	H57	H58	H59	H60	H61	W73	W74
	C23	C26	C27	C28	C29	C30		
	C24	C25	C27	C28	C29	C30		
	C24	C25	C27	C28	C29	C30		

W20	W29	H16	H18	H20	H22	H24	H26	W38
W31	W32	H15	H17	H19	H21	H23	H25	W47
		H20	H22	H24	H26	H28	H30	
		H21	H23	H25	H27	H29	H31	
W35	W35	C1	C2	C3	C4	C5	C6	W56
		C7	C8	C9	C10	C11	C12	
		C13	C14	C15	C16	C17	C18	
		C19	C20	C21	C22	C23	C24	

1180/D405 WA115 A/C

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WA11 B/C

W1	W2	W3	W4	W5	W6	W7	W8	W9
W10	W11	W12	W13	W14	W15	W16	W17	W18
W19	W20	W21	W22	W23	W24	W25	W26	W27

WA11 A

W30	W37	W39	W40	W41	W43	W44	W45	W47
W33	W46	W48	W49	W50	W52	W53	W54	W60
W36	W55	W57	W58	W59	W61	W62	W63	W72

118D / D405 OFFICE 1

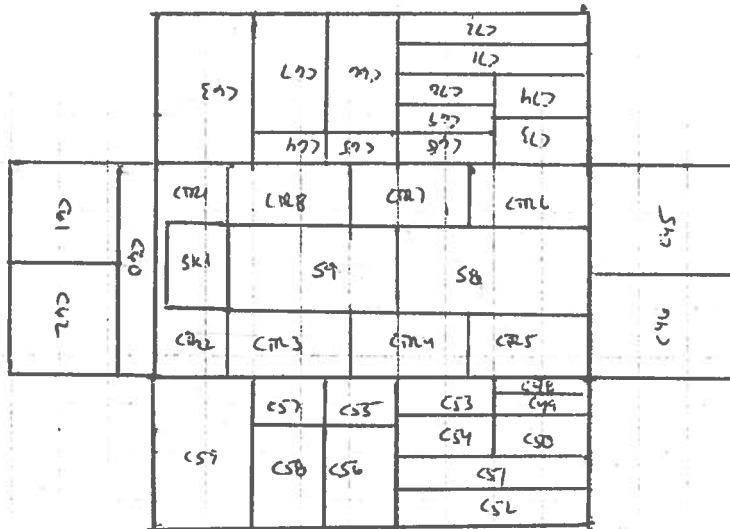
01W15			01W20	01W21	01W22	01W24	01W26	01W41	
01W14	01W17	01W19	01F2	01F4	01F6	01F8	01M10	01M10	01M12
01W13	01W16	01W18	01F1	01F3	01F5	01F7	01M10	01M10	01M11
			01W12	01W11	01W10	01W9			
			01W8	01W7	01W6	01W5			
			01W4	01W3	01W2	01W1			
			01W27	01W28	01W29	01W31	01W33		
			01W34	01W35	01W36	01W38	01W40		

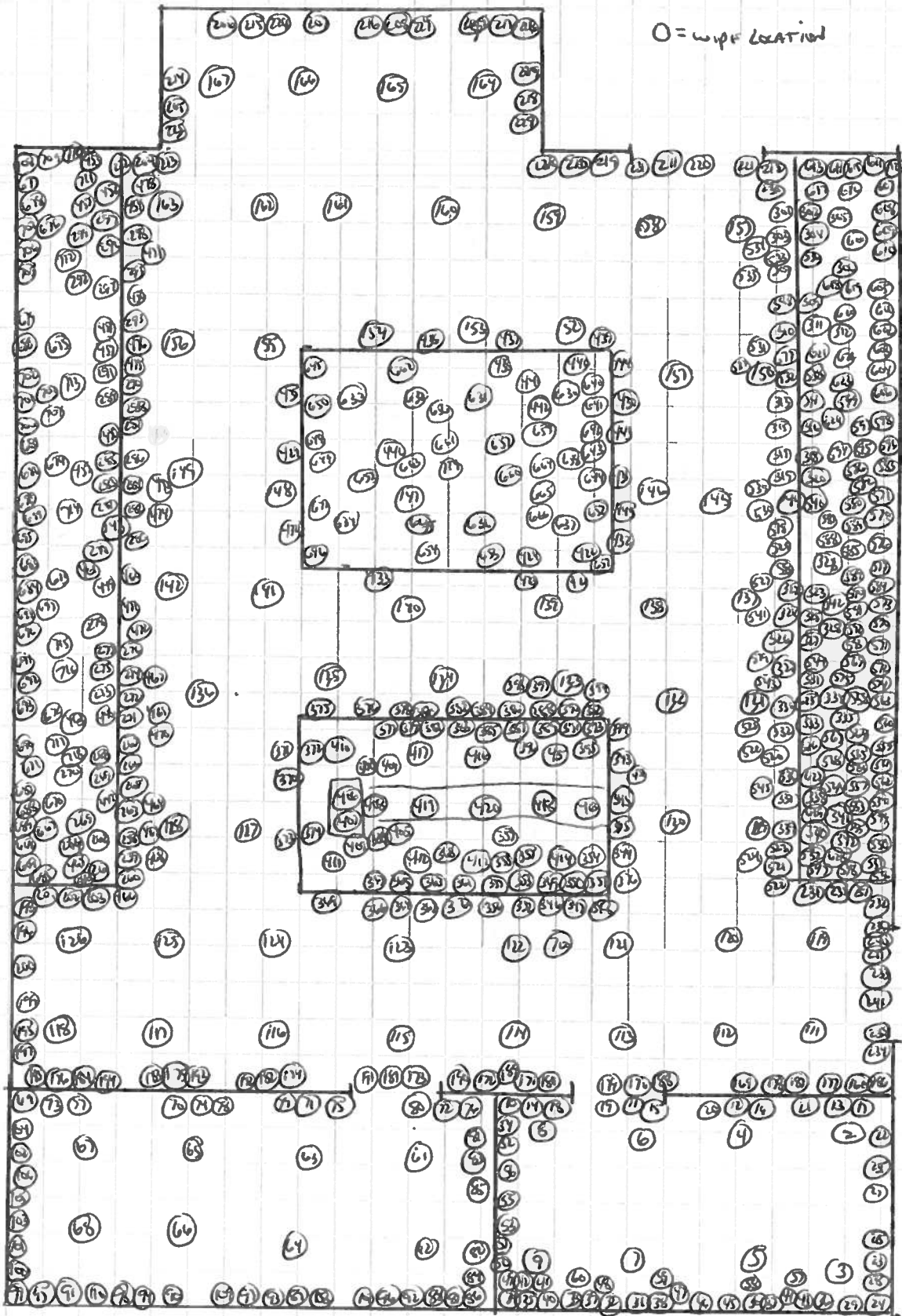
118D/D405: OFFICE 2

02w15						02w32	
02w14	02w17	02w19	02w20	02w21	02w22	02w23	02w33
02w13	02w16	02w18	02w24	02w25	02w26	02w27	02w35
			02w28	02w29	02w30	02w31	02w36
			02w12	02w11	02w10	02w9	02w37
			02w8	02w7	02w6	02w5	02w38
			02w4	02w3	02w2	02w1	02w39
							02w34

118 D / D405 CONTROL A


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				30,061	8,998	9,816	5,726	5,317											
				+	+	+	+	+											
				30,266	11,656	10,225	13,088	60,771											
				+	+	+	+	+											
				4,908	7,157	13,082	19,632	23,926											
				+	+	+	+	+											
9,816	4,090	23,517	54,397	14,315	18,609	11,656	6,953	6,748	6,544	14,315	6,544	7,975	11,247						
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
63,864	71,984	28,221	32,720	15,542	20,654	10,634	9,202	7,362	6,748	5,317	5,726	9,816	4,703						
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
22,699	22,495	14,928	32,924	22,270	41,309	9,262	10,634	6,953	4,499	2,658	7,362	5,521	5,726						
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
1,022	2,658	10,634	45,359	19,836	20,859	7,771	8,793	6,748	2,658	1,636	2863	2,658	3,272	2,658					
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
0	1,431	2,045	76,074	12,883	8,998	4,703	6,135	6,748	2,249	2,863	2,658	4,499	4,499						
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
409	1,227	3,681	15,746	10,225	5,726	5,521	1,431	14,315	2,454	2,454	1,431	613	3,885						
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
1,227	1,022	1,227	409	0	0	1,022	409	1,227	2,045	818	0	204	5,317						
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
818	2,045	409	204	613	0	409	409	2,045	2,045	1,636	3,885	409	4,090						
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
818	0	1,636	0	0	0	409	409	818	1,431	1,431	225,358	0	3,885						
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
204	409	1,057,669	0	1,022	409	204	613	613	204	1,636	1,636	1,431	4,908						
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
1,431	1,022	613	818	1,227	0	409	0	1,022	4,090	2,045	1,431	1,431	613						
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
1,022	409	818	0	1,431	0	0	4,090	1,227	818	0	204	0	409						

FLOOR TILE REMAINS IN UNITS OF sqm/ft².

 = TILES REMOVED AND DISPOSED OF AS RADIOACTIVE WASTE

			3,6196	5,521	3,007	3,007	1,636			
			2,249	4,090	4,294	1,431	3,681	613	1,431	
11,452	6,339	4,908	4,499	4,090	4,294	2,243	3,045	2,658	1,227	
4,703	5,726	5,317	3,476	4,499	5,726	4,090	818	2,045	1,840	
5,726	6,748	1,636	3,681	3,007	4,888	10,838	8,180	17,996	2,045	
2,658	3,476	4,294	2,863	3,007	4,090	2,1472	13,088	7,362	4,294	
4,499	4,499	2,863	1,022	409	1,022	0	1,022	1,431	2,454	
2,658	8,180	4,499	1,840	1,431	1,227	818	1,636	4,294	6,339	
613	204	2,045	2,249	409	0	818	0	818	0	
1,840	0	613	1,840	1,227	613	1,022	0	613	1,431	
409	409	1,227	1,227	1,227	2,045	2,249	613	0	0	
0	818	0	613	2,249	7,975	2,249	204	0	0	
204	818	1,636	2,249	1,431	3,476	2,863	204	0	2,454	
0			4,499	3,476	1,636	0	818	5,726	4,090	

Floor Tile Readings in units of $\text{dpm}/100\text{cm}^2$

 = Floor Tiles removed and disposed of as radioactive waste.

	4,294	9,090	4,703	10,736	18,053	6,135	6,135	4,294	2,249	
	+	+	+	+	+	+	+	+	+	+
	11,656	10,634	5,726	6,339	16,098	8,180	4,703	4,703	2,249	
	+	+	+	+	+	+	+	+	+	+
	12,045	14,724	1,703	12,267	10,020	3,681	3,272	9,090	2,045	
	+	+	+	+	+	+	+	+	+	+
	5,726	4,703	3,476	6,339	3,885	3,272	1,431	2,045	1,840	3,681
	+	+	+	+	+	+	+	+	+	+
	6,135	4,294	6,544	4,703	8,589	2,863	4,294	4,090	3,681	3,476
	+	+	+	+	+	+	+	+	+	+
	25,971	15,133	7,362	12,883	4,703	5,317	4,294	3,681	2,454	3,681
	+	+	+	+	+	+	+	+	+	+
	37,832	15,133	8,998	2,658	2,045	3,272	3,681	3,272	3,681	3,067
	+	+	+	+	+	+	+	+	+	+
	5,726	14,928	7,566	5,317	3,476	1,431	2,863	1,227	1,227	3,067
	+	+	+	+	+	+	+	+	+	+
	4,703	5,112	4,090	2,249	2,658	2,863	2,454	4,090	2,454	2,249
	+	+	+	+	+	+	+	+	+	+
	7,157	6,135	8,384	3,272	2,658	7,566	6,544	4,294	2,045	4,908
	+	+	+	+	+	+	+	+	+	+
	4,703	5,317	4,703	818	4,090	6,135	1,022	1,840	6,339	8,998
	+	+	+	+	+	+	+	+	+	+
	7,771	6,135	4,294	1,636	7,914	4,090	7,975	10,429	6,135	3,885
	+	+	+	+	+	+	+	+	+	+
	2,658	11,643	6,339	5,930	6,339	1,431	3,476	4,090	5,726	5,521
	+	+	+	+	+	+	+	+	+	+
	3,681	23,108	4,499	8,180	13,865	1,022	8,180	5,521	5,501	21,472
	+	+	+	+	+	+	+	+	+	+
	5,317	13,497	7,975	8,793	6,718	6,953	4,908	6,544	2,863	23,108
	+	+	+	+	+	+	+	+	+	+
	24,949	11,861	21,677	2,658	4,294	5,317	13,292	12,679	12,474	23,108
	+	+	+	+	+	+	+	+	+	+
	38,446	11,656	15,337	6,544	5,726	5,726	7,771	7,771	6,953	8,180
	+	+	+	+	+	+	+	+	+	+
	8,998	13,292	5,317	7,157	4,908	4,908	8,589	5,521	5,317	4,703
	+	+	+	+	+	+	+	+	+	+
	22,268	17,587	15,542	7,157	17,382					

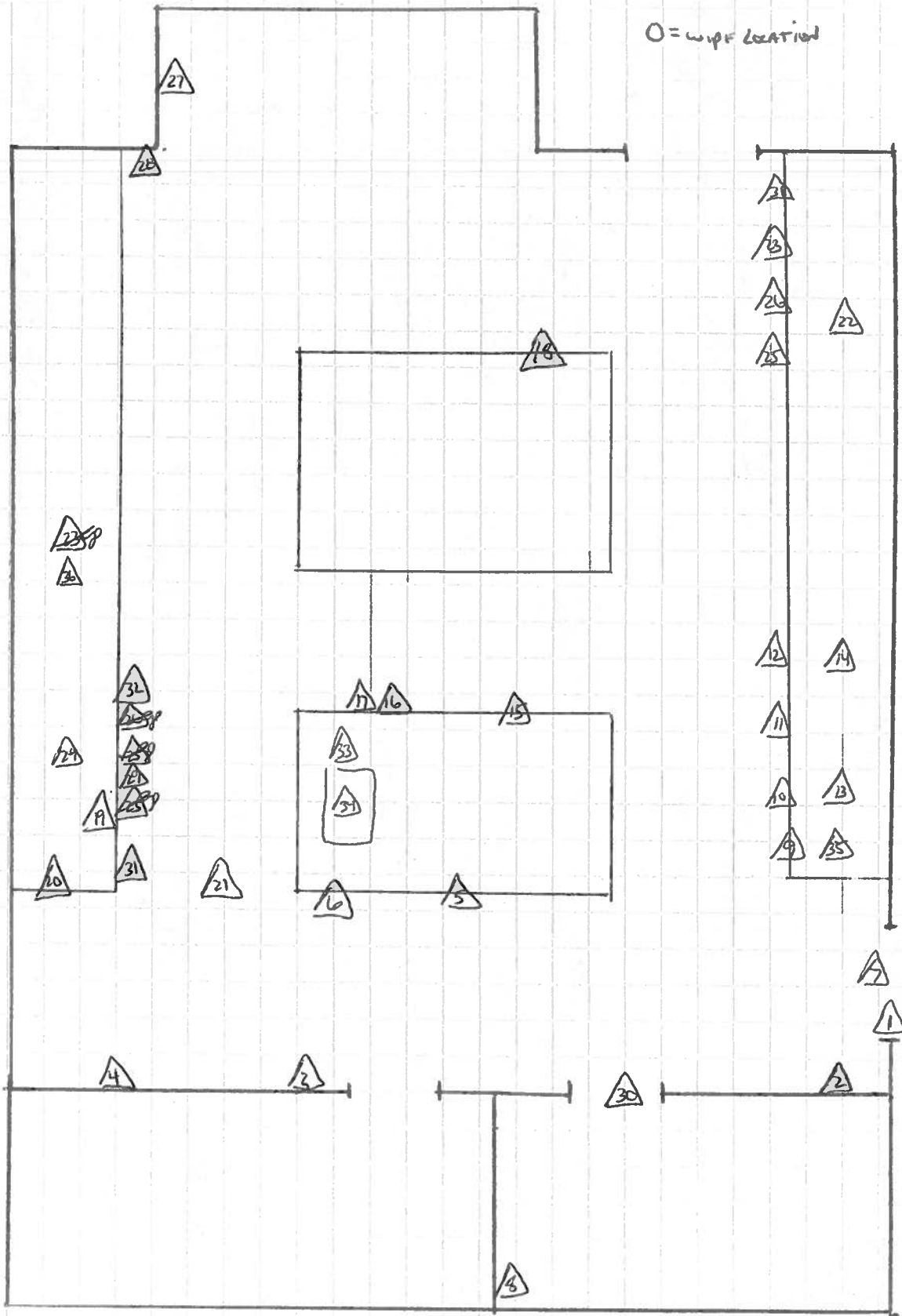
MATERIAL REMOVED IN UNITS OF dpm/100cm² ON FLOOR TILES

TILES REMOVED AND DISPOSED OF AS RADIOACTIVE WASTE.

4090									
4908									
1636									
3272									
6953	1,636	1,431	2863	613	613	1022	2045		
4090	2863	2863	1,636	1,840	1,022	1,022	2045		
4294	2,863	2,694	3272	5521	3,476	2,045	409		
3067	2,454	2863	3272	5,112	3,681	1,431	1,636		
3476	2,658	2,045	3,681	3,476	3,272	2,249	2,249		
			1,431	2,658	4,703	5,521	2,045		
			1,840	2,454	2,454	2,454	613		
			2,658	3,681	3,272	1,636	204		
			2,045	3,476	3,476	1,840	613		
			3,476	3,067	3,885	1,431	2,658	818	
							2,045		
7566	13,235	5,112	2,249	3,885	4,090	3,067	1,227		
10,429	7,362	3,476	4,499	4,499	4,294	2,454	2,863		
5,582	5,521	3,885	3,681	3,681	3,476	2,454	1,431		
6,135	7,157	23,722	4,294	3,272	2,658	2,045	1,636		
8,384	5,726	11,043	4,908	5,930	4,090	4,090	1,431		
			3,578	5,317	3,067	1,431	1,431		

FLOOR TILE REMOVALS IN UNITS OF
 sqm / 100 m².

TILES REMOVED AND DISPOSED OF
 AS RADIOACTIVE WASTE



O = WIPE LOCATION

△ = AREAS OF FIXED ACTIVITY

118D/D405

Surveyed approximately 100% of surfaces using the 43-68. All areas were found to be at normal background levels, with the following exceptions:

1. An area of the door frame was found to be contaminated to a level of 4,908 dpm/100cm². The area was decontaminated to normal background level.
2. A small area on the wall (W20) was found to be contaminated to a level of 9,202 dpm/100 cm². The area was decontaminated to normal background level.
3. An area at the base of the wall (W25) was found to be contaminated to a maximum level of 31,697 dpm/100 cm². The area was decontaminated to normal background level.
4. An area on the wall (W17) was found to be contaminated to a level of 73,415 dpm/100 cm². The area was decontaminated to normal background level.
5. The edge of a counter was found to be contaminated to a level of 11,656 dpm/100 cm². The area was decontaminated to normal background level.
6. The top of the towel dispenser was found to be contaminated to a level of 3,885 dpm/100 cm². The dispenser was decontaminated to normal background level.
7. A small spot on door was found to be contaminated to a level of 49,489 dpm/100 cm². The door was decontaminated to normal background level.
8. The top of a power outlet was found to be contaminated to a level of 3,681 dpm/100 cm². The outlet was decontaminated to normal background level.
9. An area on cabinet door C44 was found to be contaminated to a level of 7,157 dpm/100 cm². The area was decontaminated to normal background level.
10. A spot on cabinet door C43 was found to be contaminated to a level of 8,793 dpm/100 cm². The spot was decontaminated to normal background level.
11. A spot on cabinet door C41 was found to be contaminated to a level of 30,470 dpm/100 cm². The spot was decontaminated to normal background level.
12. A spot on cabinet door C40 was found to be contaminated to a level of 17,178 dpm/100 cm². The spot was decontaminated to normal background level.
13. An area of counter 10 was found to be contaminated to a maximum level of 8,998 dpm/100 cm². This area was decontaminated to normal background levels.
14. An area of counter 11 was found to be contaminated to a maximum level of 7,771 dpm/100 cm². This area was decontaminated to normal background levels.
15. The edge of a counter was found to be contaminated to a maximum level of 168,098 dpm/100 cm². The counter was decontaminated to normal background levels.
16. A spot on cabinet door C66 was found to be contaminated to a level of 22,086 dpm/100 cm². The spot was decontaminated to normal background level.
17. A spot on cabinet door C67 was found to be contaminated to a level of 16,155 dpm/100 cm². The spot was decontaminated to normal background level.
18. Cabinet C88 was found to be contaminated to a maximum level of 137,423 dpm/100 cm². The cabinet was decontaminated to normal background levels.

19. The bottom of hood sash H76 was found to be contaminated to a maximum level of 9,407 dpm/100 cm². The sash was decontaminated to normal background levels.
20. An area of floor under a fume hood was found to be contaminated to a maximum level of 76,034 dpm/100cm². The area was decontaminated to a maximum level of 4,090 dpm/100cm².
21. Various floor tiles throughout the lab were found to be contaminated to a maximum level of 1,057,669 dpm/100 cm². These areas were decontaminated down to a maximum level of 4,090 dpm/100 cm².
22. Counter 13 was found to be contaminated to a maximum level of 21,677 dpm/100 cm². The counter was decontaminated to a maximum level of 818 dpm/100 cm².
23. Cabinet door C25 was contaminated to a maximum level of 6,953 dpm/100 cm². This door was decontaminated to normal background levels.
24. The inside of cabinet C28 was contaminated to a maximum level of 6,135 dpm/100 cm². The cabinet was decontaminated to normal background levels.
25. The door to cabinet C28 was found to contaminated to a maximum level of 24,131 dpm/100 cm². The door was decontaminated to normal background levels.
26. Cabinet door C27 was found to be contaminated to a maximum level of 55,828 dpm/100 cm². The door was decontaminated to normal background levels.
27. An area of wall W47 was found to be contaminated to a maximum level of 40,082 dpm/100 cm². The wall decontaminated to normal background levels.
28. An area of wall W55 was found to be contaminated to a maximum level of 208,998 dpm/100 cm². The wall was decontaminated to a level of 613 dpm/100 cm².
29. The base of cabinet C5 was found to be contaminated to a maximum level of 137,423 dpm/100 cm². The cabinet was decontaminated to normal background levels.
30. The bottom of door sill to Office 1 was found to be contaminated to a maximum level of 14,724 dpm/100 cm². This area was decontaminated to normal background levels.
31. Cabinet C24 was found to be contaminated to a level of 6,544 dpm/100 cm². The cabinet was decontaminated to normal background levels.
32. Cabinet door C6 was found to be contaminated to a level of 5,930 dpm/100 cm². The cabinet door was decontaminated to normal background levels.
33. Counters 1 and 2 were found to be contaminated to a maximum level of 474,847 dpm/100 cm². These counters were disposed of as radioactive waste.
34. The sink was found to be contaminated to a level of 57,669 dpm/100 cm². The sink was disposed of as radioactive waste.
35. Counter 9 was found to be contaminated to a maximum level of 48,262 dpm/100 cm². This counter was disposed of as radioactive waste.
36. Counters 23 through 28 were found to be contaminated to a maximum level of 1,221,268 dpm/100 cm². These counters were disposed of as radioactive waste.

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\20130126_0938
\20130126_0938.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	14	4	22	
2	52	44	99	
3	52	52	107	✓
4	21	16	41	
5	33	16	54	
6	54	31	88	
7	44	33	83	
8	37	15	57	
9	44	25	69	
10	8	4	14	

11	15	3	21
12	13	4	20
13	8	6	18
14	14	6	21
15	16	2	26
16	24	17	44
17	8	10	22
18	21	13	37
19	93	170	267
20	16	12	34
21	20	17	41
22	23	7	33
23	9	5	18
24	6	5	14
25	12	14	30
26	20	17	43
27	17	15	38
28	23	22	50
29	1	6	9
30	3	13	19
31	11	1	17
32	14	9	29
33	12	5	21
34	19	8	29
35	7	5	14
36	7	4	15
37	16	4	23
38	17	7	27
39	12	3	17
40	9	4	15
41	10	7	23
42	12	3	15
43	20	24	47
44	14	16	32
45	11	13	26
46	14	6	22
47	18	5	23
48	15	19	37
49	59	36	98
50	11	6	23
51	135	297	437
52	10	13	25
53	11	6	23
54	8	9	18
55	14	6	24
56	19	13	37
57	12	4	20
58	15	9	25
59	12	13	29
60	63	32	100
61	83	45	134
62	125	109	240
63	43	28	77
64	81	33	120
65	46	32	83
66	54	21	86
67	58	21	84
68	48	29	80
69	9	1	13
70	14	5	27
71	14	6	21
72	17	13	33
73	8	3	14

74	14	8	30
75	12	7	24
76	12	9	27
77	16	9	30
78	12	13	28
79	112	53	171
80	21	14	43
81	17	5	25
82	16	14	34
83	17	17	42
84	1	6	10
85	10	3	24
86	21	8	34
87	37	37	80
88	10	9	27
89	4	4	16
90	16	9	29
91	4	9	15
92	15	11	28
93	18	7	33
94	11	5	18
95	11	4	22
96	38	13	55
97	24	20	48
98	15	14	39
99	61	19	85
100	10	8	19
101	12	8	22
102	9	6	17
103	9	6	20
104	12	10	27
105	14	7	28
106	33	14	54
107	45	26	76
108	26	16	48
109	17	10	29
110	23	18	44
111	37	17	55
112	20	13	42
113	21	10	35
114	32	26	60
115	135	39	179
116	26	9	39
117	22	18	45
118	53	24	84
119	140	43	187
120	21	20	43
121	20	8	34
122	36	20	65
123	47	16	69
124	41	12	59
125	43	23	72
126	64	51	119
127	30	14	55
128	32	29	63
129	23	12	39
130	17	22	45
131	27	10	40
132	28	10	45
133	28	11	44
134	21	12	38
135	28	14	45
136	50	25	80

Sub 77

137	27	13	41
138	24	8	35
139	51	25	82
140	35	19	59
141	642	18	662 ✓
142	53	12	72
143	37	18	59
144	57	51	114 ✓
145	24	6	30
146	21	14	38
147	41	25	68
148	63	11	78
149	31	16	51
150	27	12	43
151	21	10	37
152	36	27	67
153	17	18	39
154	26	14	45
155	29	11	41
156	28	23	54
157	31	22	57
158	34	34	70
159	25	10	39
160	29	7	37
161	29	18	51
162	38	20	58
163	40	25	68
164	54	23	77
165	23	18	44
166	1644	937	2583 ✓
167	63	19	86
168	25	25	54
169	16	8	28
170	15	17	37
171	9	3	16
172	9	5	17
173	10	5	17
174	10	6	22
175	20	4	27
176	15	9	30
177	13	12	29
178	12	9	28
179	21	12	36
180	11	9	25
181	9	2	16
182	23	5	37
183	16	15	37
184	14	10	29
185	11	4	19
186	24	15	43
187	30	14	50
188	28	9	42
189	49	4	54
190	25	10	39
191	162	147	315 ✓
192	32	27	62
193	53	38	96
194	44	38	85
195	12	7	20
196	20	19	40
197	17	18	39
198	33	29	65
199	17	14	37

200	22	11	43
201	19	11	36
202	526	681	1211 ✓
203	64	53	123 ✓
204	7	3	14
205	15	6	24
206	19	18	40
207	16	9	26
208	12	15	30
209	7	11	22
210	12	11	25
211	11	14	29
212	11	3	17
213	13	17	37
214	47	23	72
215	1103	1797	2908 ✓
216	72	79	158 ✓
217	48	21	74
218	14	7	23
219	19	29	52
220	18	17	37
221	17	14	35
222	231	392	626 ✓
223	49	46	97
224	28	20	54
225	60	48	113 ✓
226	41	40	83
227	13	6	21
228	15	20	36
229	8	9	22
230	21	15	38
231	13	4	18
232	5	10	18
233	11	4	21
234	20	6	28
235	12	17	32
236	172	4	182 ✓
237	14	19	42
238	27	24	60
239	24	22	47
240	29	21	53
241	23	17	45
242	20	13	41
243	7	10	19
244	16	5	29
245	93	34	129 ✓
246	67	39	113 ✓
247	86	56	147 ✓
248	1335	578	1921 ✓
249	146	102	251 ✓
250	47	46	98
251	12860	1397	14259 ✓
252	122	84	213 ✓
253	1189	702	1898 ✓
254	13	19	35
255	30	30	68
256	24	19	49
257	75	64	145 ✓
258	418	325	752 ✓
259	74	70	145 ✓
260	605	125	732 ✓
261	16	16	35
262	17	16	39

263	426	634	1064
264	12	7	21
265	361	363	728
266	233	231	470
267	86	42	139
268	44	36	84
269	586	322	912
270	38	28	73
271	1871	2399	4273
272	271	159	435
273	83	71	157
274	285	82	372
275	25	11	40
276	123	71	198
277	66	10	81
278	15	4	21
279	19	6	28
280	3434	281	3717
281	83	45	129
282	1135	1302	2440
283	168	247	420
284	148	76	228
285	171	93	267
286	531	212	746
287	1417	1479	2900
288	102	20	126
289	21	9	35
290	165	37	206
291	22	10	35
292	64	9	76
293	1610	915	2528
294	115	63	181
295	731	1162	1897
296	367	262	630
297	1032	38	1070
298	52	27	79
299	168	53	223
300	10	13	31
301	31	27	61
302	29	20	57
303	65	79	148
304	17	10	32
305	22	5	30
306	9	5	17
307	105	31	139
308	70	87	164
309	25	10	40
310	30	36	67
311	191	82	277
312	13	10	25
313	92	59	155
314	17	9	28
315	37	37	77
316	18	8	33
317	29	31	65
318	22	27	51
319	31	30	64
320	17	6	31
321	8	7	16
322	91	160	255
323	194	229	430
324	62	72	138
325	13	10	24

326	8	9	19
327	13	13	29
328	9	12	25
329	58	45	112 ✓
330	32	28	61
331	18	17	38
332	78	66	149 ✓
333	35	20	60
334	52	29	87
335	13	11	27
336	84	49	141 ✓
337	103	46	156 ✓
338	55	21	80
339	141	89	236 ✓
340	36	22	63
341	22	7	34
342	20	6	31
343	61	40	106 ✓
344	67	57	127 ✓
345	52	71	129 ✓
346	293	76	376 ✓
347	53	28	84
348	743	263	1009 ✓
349	134	85	225 ✓
350	48	22	75
351	74	11	88
352	41	21	65
353	39	21	64
354	33	16	53
355	54	41	98
356	77	107	187 ✓
357	100	106	208 ✓
358	58	56	118 ✓
359	70	43	117 ✓
360	223	278	504 ✓
361	370	544	922 ✓
362	57	48	112 ✓
363	38	34	78
364	567	68	637 ✓
365	84	48	135 ✓
366	387	170	559 ✓
367	56	64	123 ✓
368	12	13	29
369	59	75	138 ✓
370	85	55	148 ✓
371	44	56	103 ✓
372	14	21	41
373	113	128	243 ✓
374	17	12	35
375	16	14	35
376	2645	1898	4547 ✓
377	340	333	680 ✓
378	994	1759	2759 ✓
379	387	403	795 ✓
380	50	48	101 ✓
381	17	19	39
382	106	53	165 ✓
383	21	14	36
384	45	12	63
385	821	282	1110 ✓
386	1866	2390	4261 ✓
387	119	90	216 ✓
388	86	21	109 ✓

389	63	99	168 ✓
390	62	36	103 ✓
391	103	83	192 ✓
392	44	26	70
393	76	75	155 ✓
394	86	70	160 ✓
395	368	151	526 ✓
396	112	81	196 ✓
397	84	38	126 ✓
398	101	46	154 ✓
399	40	71	112 ✓
400	79	23	106 ✓
401	33	15	48
402	33	45	82
403	46	32	86
404	118	173	293 ✓
405	40	33	78
406	148	137	289 ✓
407	358	283	648 ✓
408	318	326	648 ✓
409	86	28	116 ✓
410	153	232	392 ✓
411	54	37	99
412	62	51	114 ✓
413	22	6	33
414	89	59	153 ✓
415	29	16	50
416	33	17	54
417	74	33	110 ✓
418	36	29	69
419	836	336	1175 ✓
420	31	20	53
421	197	161	363 ✓
422	60	42	105 ✓
423	388	635	1032 ✓
424	362	277	640 ✓
425	792	1688	2484 ✓
426	32	25	59
427	244	265	517 ✓
428	23	6	34
429	16	21	46
430	31	21	55
431	170	246	419 ✓
432	187	72	262 ✓
433	23	8	36
434	75	90	168 ✓
435	13	8	28
436	14	11	28
437	38	18	59
438	817	77	897 ✓
439	51	38	91
440	399	196	601 ✓
441	415	19	437 ✓
442	122	102	227 ✓
443	22	25	48
444	50	83	136 ✓
445	29	17	49
446	16	9	31
447	596	421	1021 ✓
448	872	828	1703 ✓
449	1744	829	2575 ✓
450	341	222	569 ✓
451	623	546	1174 ✓

452	2260	1444	3708	/
453	237	453	696	/
454	154	69	224	/
455	802	843	1650	/
456	262	117	384	/
457	479	301	784	/
458	243	65	311	/
459	274	76	351	/
460	288	240	532	/
461	103	90	196	/
462	1091	308	1404	/
463	292	438	734	/
464	265	232	506	/
465	58	41	100	/
466	54	82	143	/
467	85	200	289	/
468	17	7	27	/
469	14	4	21	/
470	11	8	22	/
471	9	3	18	/
472	12	7	24	/
473	9	7	19	/
474	33	8	50	/
475	17	9	32	/
476	17	6	27	/
477	31	16	51	/
478	17	5	30	/
479	15	8	25	/
480	8	6	21	/
481	12	5	22	/
482	236	342	585	/
483	74	67	144	/
484	27	42	73	/
485	98	97	198	/
486	68	43	116	/
487	42	35	81	/
488	33	42	83	/
489	17	10	28	/
490	20	15	40	/
491	163	114	283	/
492	206	262	475	/
493	83	61	147	/
494	56	60	122	/
495	10141	14713	24873	/
496	3748	5824	9578	/
497	20	13	34	/
498	274	131	412	/
499	8	4	15	/
500	15	14	31	/
501	9	6	18	/
502	16	8	26	/
503	39	38	81	/
504	181	239	424	/
505	70	99	175	/
506	29	18	51	/
507	56	98	160	/
508	22	21	48	/
509	12	15	34	/
510	10	7	20	/
511	183	89	274	/
512	28	25	58	/
513	35	26	64	/
514	42	45	90	/

515	21	15	39
516	16	18	36
517	48	36	87
518	43	32	76
519	28	20	51
520	106	85	196 ✓
521	40	19	65
522	17	25	43
523	11	3	18
524	9	6	16
525	12	4	22
526	14	8	27
527	15	7	23
528	21	6	32
529	11	6	20
530	12	8	25
531	11	6	21
532	9	7	21
533	6	8	16
534	17	7	27
535	25	6	41
536	23	41	65
537	26	17	49
538	21	11	37
539	33	8	47
540	27	10	42
541	32	23	57
542	24	9	35
543	45	28	77
544	32	23	58
545	42	38	83
546	47	16	67
547	31	17	50
548	24	4	32
549	18	8	27
550	334	134	471 ✓
551	50	20	78
552	17	19	39
553	109	86	201 ✓
554	20	14	39
555	111	133	249 ✓
556	17	8	34
557	147	267	420 ✓
558	572	440	1018 ✓
559	9	12	25
560	225	415	643 ✓
561	46	22	69
562	17	16	41
563	51	15	68
564	127	151	282 ✓
565	840	358	1199 ✓
566	30	29	66
567	36	37	78
568	16	8	28
569	133	88	228 ✓
570	22	22	50
571	18	5	27
572	10	8	24
573	73	36	118 ✓
574	12	7	24
575	78	57	137 ✓
576	21	10	35
577	33	15	53

578	17	10	33
579	22	33	60
580	134	54	191 ✓
581	109	104	217 ✓
582	23	23	49
583	42	25	71
584	24	17	44
585	27	15	46
586	46	23	72
587	13	10	28
588	11	10	24
589	11	11	27
590	20	7	34
591	12	8	24
592	8	17	30
593	14	7	28
594	22	12	37
595	9	15	28
596	169	71	245 ✓
597	48	31	83
598	35	20	58

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\20130128_1512
\20130128_1512.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
Skid 1	9	3	13	
559 2	81	34	116	
600 3	62	48	115	
601 4	106	58	169	
602 5	13	8	31	
603 6	39	41	82	
604 7	22	11	36	
605 8	308	695	1004	
606 9	21	12	40	
607 10	11	10	23	

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608	11	47	37	85
	12	12	11	27
610	13	17	9	31
	14	32	24	59
	15	13	5	19
	16	4	7	16
	17	17	5	26
615	18	26	11	38
	19	12	2	17
	20	20	8	32
	21	37	30	72
	22	20	7	30
620	23	15	9	27
	24	16	17	39
	25	11	2	14
	26	17	9	32
	27	11	8	24
625	28	15	6	26
	29	13	11	28
	30	12	1	16
	31	21	11	35
	32	12	11	29
630	33	6325	4689	11019
631	34	725	446	1174
632	35	661	360	1026
633	36	554	239	797
634	37	5476	4005	9491
635	38	4650	3367	8021
	39	1306	807	2117
	40	741	582	1331
	41	73	121	199
	42	106	131	240
640	43	231	321	561
	44	5017	8098	13119
	45	70	36	111
	46	35	12	57
	47	22	17	42
645	48	13	14	30
	49	304	516	822
	50	22	14	41
	51	33	24	60
	52	27	26	59
650	53	161	145	312
	54	21	12	37
	55	22	14	41
	56	96	93	196
	57	55	41	96
655	58	42	36	83
	59	21	29	53
	60	444	329	777
	61	114	120	238
	62	29	35	76
660	63	587	340	934
	64	21	38	63
	65	44	67	114
	66	770	486	1264
	67	20	15	38
665	68	52	49	103
	69	109	127	238
	70	6432	4591	11027
	71	40828	22251	63092
	72	314	409	726
670	73	24134	21081	45225

671	74	85576	30699	116289
	75	194429	106558	301006
	76	3545	1368	4920
	77	23707	2047	25762
675	78	13231	5051	18288
	79	64691	27805	92523
	80	39797	28416	68219
	81	8655	6616	15280
	82	10484	184	10671
680	83	2545	555	3104
	84	1382	382	1765
	85	617	295	917
	86	3457	2105	5567
	87	78	23	104
685	88	110	77	192
	89	28	23	60
	90	17652	15824	33481
	91	1871	1596	3475
	92	11515	14114	25634
690	93	119635	66735	186421
	94	90925	97141	188083
	95	1599	1240	2843
	96	12957	7342	20304
	97	3431	1503	4939
695	98	106	47	158
	99	2073	1729	3807
	100	20	3	30
	101	5604	1050	6660
	102	796	877	1677
700	103	4428	110	4544
	104	1333	335	1672
	105	374	88	465
	106	119	21	141
	107	1173	321	1500
705	108	1002	481	1487
	109	138	47	188
	110	599	333	936
	111	1929	1457	3390
	112	95	51	148
710	113	30	17	54
	114	45	10	61
	115	97	18	118
	116	440	235	681
	117	42	8	53
715	118	36	14	53
	119	151	38	196
	120	170	169	344
	121	828	1279	2114
	122	5022	5161	10190
720	123	22	9	34

Equipment Swipes 220 236 Area

Assay Definition-

Assay Description:
Decon D408-410

Assay Type: CPM
Report Name: Report1
Output Data Path: C:\Packard\Tricarb\Results\Bill Calver\Room Decon\20130131_1625
Raw Results Path: C:\Packard\Tricarb\Results\Bill Calver\Room Decon\20130131_1625\20130131_1625.results
RTF File Name: C:\Packard\Tricarb\Results\Bill Calver\Room Decon\20130131_1625\Lab Decon 118 237.rtf
Assay File Name: C:\Packard\TriCarb\Assays\Room Decon.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
721 1	28	13	46	
2	14	18	37	
3	41	30	75	
4	15	14	36	
725 5	19	3	24	
6	6	10	21	
7	22	5	35	
8	25	21	52	
9	44	24	74	
730 10	22	8	35	

Equipment Swipes 220 236 Area

731	11	8	11	27
	12	34	21	61
733	13	108	103	213 ✓
	14	37	33	79
735	15	458	44	504 ✓
	16	40	11	58
737	17	516	313	834 ✓
	18	27	11	40
	19	5	12	17
740	20	7	13	22
	21	21	15	38
	22	27	18	51
	23	19	13	39
	24	10	19	32
745	25	9	11	23
	26	11	10	22
	27	16	7	26
	28	13	6	24
	29	7	8	18
750	30	59	15	77
	31	16	11	31
	32	15	18	34
	33	19	14	39
	34	39	39	80
755	35	8	8	19
	36	7	6	18
	37	11	9	27
	38	13	8	26
	39	15	4	20
760	40	15	15	33
	41	16	10	30
	42	16	9	29
	43	12	6	20
	44	18	12	32
765	45	31	9	48
	46	11	8	21
	47	18	23	43
	48	15	9	28
769	49	86	61	154 ✓
770	50	91	51	145 ✓
	51	16	11	33
	52	29	16	49
	53	22	15	41
774	54	206	97	308 ✓
775	55	26	10	41
	56	25	22	50
	57	34	31	72
	58	7	10	23
	59	44	34	81
780	60	20	25	48
	61	23	5	32
	62	11	8	21
	63	16	20	44
	64	21	6	31
785	65	41	37	83
786	66	189	167	357 ✓
	67	38	27	69
	68	10	16	33
	69	25	23	53
790	70	23	13	40
	71	21	21	44
	72	27	16	49
793	73	25	25	56

Equipment Swipes 220 236 Area

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794	74	26	43	71
795	75	13	23	41
	76	22	16	43
	77	37	21	62
	78	33	35	72
	79	19	9	33
800	80	22	29	58
801	81	83	24	114 -
802	82	155	10	170 -
	83	36	25	64
804	84	105	11	118 -
805	85	18	8	27
806	86	112	11	129 -
	87	8	9	21
	88	40	12	56
	89	21	40	62
810	90	31	17	51
	91	6	10	19
	92	29	46	80
	93	17	11	33
	94	23	16	41
815	95	20	22	46
	96	21	9	33
	97	27	19	54
	98	29	23	55
	99	39	23	64
820	100	36	31	69
	101	8	10	22
822	102	51	75	129 -
	103	35	38	78
	104	38	39	84
825	105	55	65	127 -
826	106	156	230	393 -
827	107	666	1351	2025 -
828	108	169	240	416 -
829	109	77	111	195 -
830	110	39	42	87
	111	22	19	44
832	112	41	59	104 -
	113	13	11	29
	114	32	42	79
835	115	24	33	59
836	116	80	136	224 -
	117	13	22	39
	118	11	33	52
	119	21	18	43
840	120	24	20	47
	121	26	9	43
	122	15	6	25
	123	18	21	45
	124	15	11	27
845	125	27	31	60
	126	12	6	22
	127	19	9	32
	128	19	11	33
	129	4	11	16
850	130	6	9	16
	131	32	18	51
	132	0	6	5
	133	26	46	74
854	134	824	849	1674 -
855	135	136	175	318 -
856	136	90	75	171 -

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Equipment Swipes 220 236 Area

857	137	0	0	5
857	858 138	1551	2158	3723
858	859 139	56	48	108

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\20130202_1059
\20130202_1059.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
849 1	12	3	21	✓
857 2	201	57	263	✓
860 3	21	10	37	
861 4	154	149	305	✓
5	15	11	34	
6	16	11	33	
7	11	7	21	
865 8	25	17	47	
9	30	32	63	
867 10	6	11	20	

868	11	59	37	98
	12	37	17	59
870	13	17	16	37
871	14	155	19	177
872	15	171	91	266
	16	34	10	51
874	17	70	33	108
875	18	36	23	65
	19	26	48	79
	20	32	17	53
878	21	208	12	224
877	22	167	19	193
880	23	135	8	148
	24	27	18	48
	25	15	17	34
	26	35	27	70
	27	41	41	85
885	28	133	25	161
886	29	73	173	252
887	30	227	414	643
888	31	53	62	118
	32	12	16	33
890	33	18	10	32
	34	17	10	33
	35	13	8	26
893	36	81	96	179
894	37	285	751	1040
895	38	106	166	276
896	39	194	308	506
	40	60	37	99
	41	10	17	27
899	42	93	91	187
900	43	10	10	25
	44	17	14	36
902	45	244	29	275
	46	10	13	26
	47	17	21	44
905	48	23	16	40
	49	25	30	62
	50	20	16	39
	51	13	11	34
	52	37	29	73
910	53	185	40	231
911	54	100	20	125
912	55	112	125	241
	56	53	38	97
	57	60	11	74
915	58	60	22	86
916	59	94	13	112
	60	30	11	46
	61	13	5	25
	62	33	19	55
920	63	35	22	62
	64	64	56	125
922	65	14	5	20

Assay Definition-

Assay Description:

Background check for PM Lab (Mikey)

Assay Type: CPM

Report Name: Report1

Output Data Path: C:\Packard\Tricarb\Results\bill\billswipes

Raw Results Path: C:\Packard\Tricarb\Results\bill\billswipes\20130204_1614\20130204_1614.results

RTF File Name: C:\Packard\Tricarb\Results\bill\billswipes\Report1.rtf

Assay File Name: C:\Packard\TriCarb\Assays\billswipes.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
A				
B				
C				

Cycle 1 Results

S#	CPMA	CPMB	CPMC	MESSAGES	PID	Custom1
923 1	10	9	26		2	
924 2	19	16	38		2	
925 3	31	9	46		2	
926 4	64	75	146		2	
927 5	39	13	54		2	
928 6	47	30	80		2	
929 7	76	68	148		2	
930 8	31	15	50		2	

931	9	19	8	30	2
932	10	33	17	57	2
933	11	8	14	25	2
934	12	14	9	25	2
935	13	13	16	31	2
936	14	20	8	32	2
937	15	18	12	34	2
938	16	32	14	49	2
939	17	91	8	103	2
940	18	70	67	140	2
941	19	171	8	188	14
942	20	186	15	208	14

Protocol# 5 - Room Decon Swipes.lsa

User: Peter Keefe

~~Rad Spill 118 280 inside lab w/c~~

Assay Definition-

Assay Description:

Assay Type: CPM
Report Name: Report1
Output Data Path: C:\Packard\Tricarb\Results\Peter Keefe\Room Decon Swipes\20130204_1649
Raw Results Path: C:\Packard\Tricarb\Results\Peter Keefe\Room Decon Swipes\20130204_1649
\20130204_1649.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	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
3k40 1	6	3	15	
943 2	7	14	29	
944 3	15	10	27	
945 4	28	44	74	
946 5	15	12	35	
947 6	12	17	32	
948 7	6	9	21	
949 8	20	28	53	
950 9	24	13	41	
951 10	34	34	75	
952 11	25	15	42	
953 12	18	16	44	

59

Assay Definition-

Assay Description:
Decon D408-410

Assay Type: CPM
Report Name: Report1
Output Data Path: C:\Packard\Tricarb\Results\Bill Calver\Room Decon\20130211_1241
Raw Results Path: C:\Packard\Tricarb\Results\Bill Calver\Room Decon\20130211_1241\20130211_1241.results
RTF File Name: C:\Packard\Tricarb\Results\Bill Calver\Room Decon\20130211_1241\Lab Decon 118 237.rtf
Assay File Name: C:\Packard\TriCarb\Assays\Room Decon.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	8	7	20	
2 954	13	14	34	
3 955	21	24	48	
4 952	35	24	61	
5 951	24	23	51	
6 958	55	26	83	
7 955	56	17	82	
8 960	60	17	79	
9 961	35	29	67	
10 962	28	13	48	

Equipment Swipes 220 236 Area

953	11	963	22	10	38
954	12	964	52	17	74
955	13	965	11	18	32
956	14	966	18	17	40
957	15	967	7	7	19
958	16	968	20	30	51
959	17	969	42	32	76
960	18	970	139	89	233
963	19	971	21	11	38

Missing vial 20.

21	89	97	190
22	212	336	551