

Radiological Survey Sheet

Job Location Pfizer, Inc. Groton, Ct. 06340 11ED/2408C Page 1 17

Survey Purpose Radiologic Survey of Equipment Date 11/5/12

Performed by DAVID DUKKE 
(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.	1545	BACKGROUND	
2.		Floor F1	✓ (SEE #91)
3.		Floor F2	
4.		Floor F3	✓ (SEE #92)
5.		Floor F4	
6.		Floor F5	✓ (SEE #93)
7.		Floor F6	
8.		Floor F7	✓ (SEE #94)
9.		Floor F8	
10.		Floor F9	✓ (SEE #95)
11.		Wall W1	
12.		Wall W2	
13.		Wall W3	
14.		Wall W4	
15.		Wall W5	
16.		Wall W6	
17.		Wall W7	
18.		Wall W8	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
19		W111 W19	
20		W111 W10	
21		W111 W11	
22		W111 W12	
23		W111 W13	
24		W111 W14	
25		W111 W15	
26		W111 W16	
27		W111 W17	
28		W111 W18	
29		W111 W19	
30		W111 W20	
31		W111 W21	
32		W111 W22	
33		W111 W23	
34		W111 W24	
35		W111 W25	
36		W111 W26	
37		W111 W27	
38		W111 W28	
39		W111 W29	
40		W111 W30	
41		W111 W31	
42		W111 W32	✓ (SEE #96)
43		W111 W33	
44		W111 W34	
45	✓	W111 W35	

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
46		wall W36	
47		wall W37	
48		wall W38	
49		wall W39	
50		wall W40	
51		wall W41	
52		shelf S1 TOP	✓ (SEE # 97)
53		shelf S1 BOTTOM	
54		shelf S2 TOP	✓ (SEE # 98)
55		shelf S2 BOTTOM	
56		shelf S3 TOP	✓ (SEE # 99)
57		shelf S3 BOTTOM	
58		shelf S4 TOP	
59		shelf S4 BOTTOM	
60		COUNTER C1	
61		COUNTER C10	✓ (SEE #100)
62		COUNTER C11	
63		CABINET C1	
64		CABINET C2 OUT	
65		CABINET C2 IN	
66		CABINET C3 OUT	
67		CABINET C3 IN BOTTOM	
68		CABINET C4 OUT	
69		DRAWER C4 IN	
70		DRAWER C5 OUT	
71		DRAWER C5 IN	
72		CABINET C3 IN TOP	

Radiological Survey Continuation Sheet

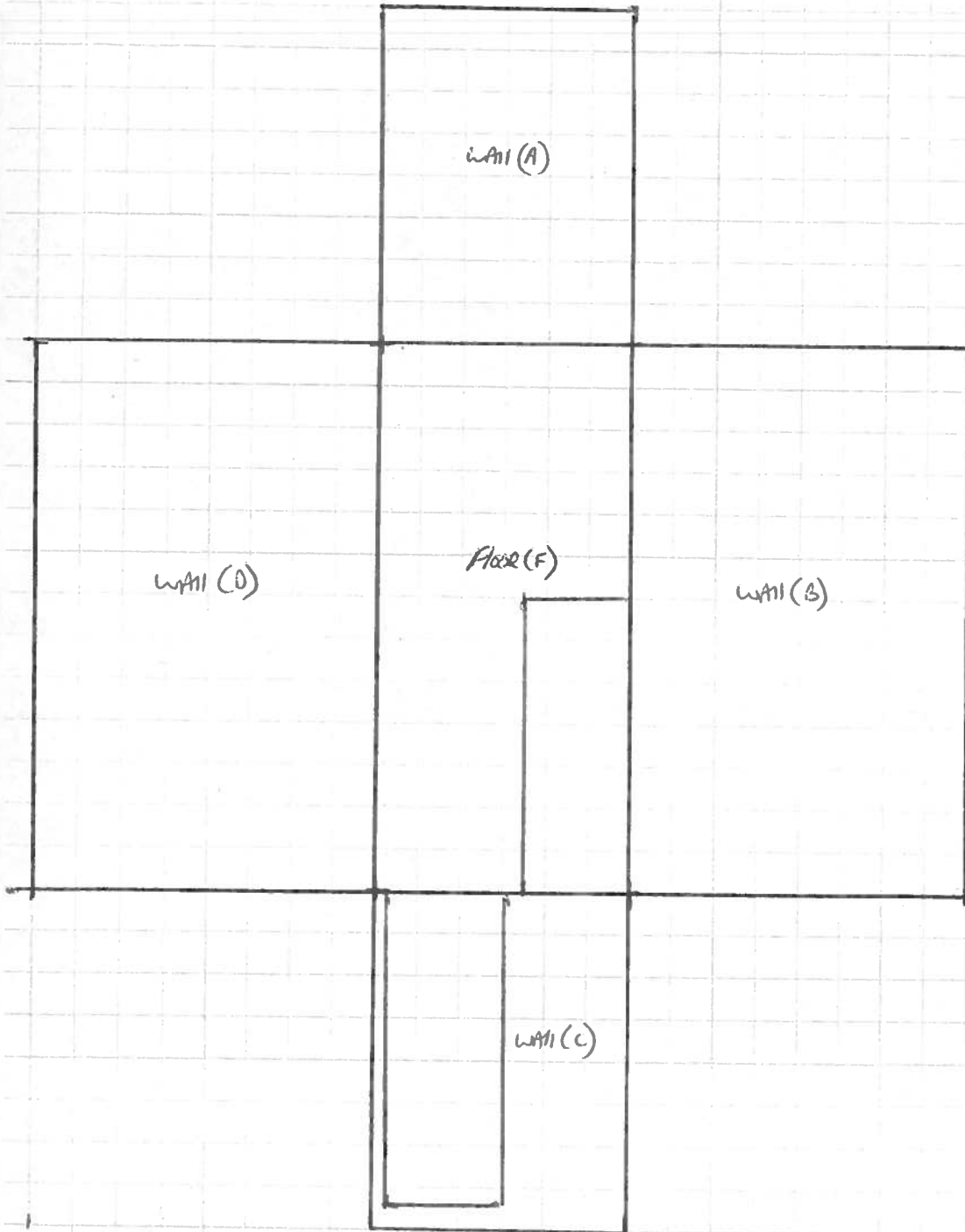
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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm ²)
73		Demol C6 OUT	
74		Demol C6 IN	
75		Demol C7 OUT	
76		Demol C7 IN	
77		Demol C8 OUT	
78		Demol " IN	
79		CABINET C12	
80		CABINET C13	
81		CABINET C14	
82		Ceiling R1	
83		Ceiling R2	
84		Ceiling R3	
85		Ceiling R4	
86		Ceiling R5	
87		Ceiling R6	
88		Ceiling R7	
89		Ceiling R8	
90	1100	Background	
91		POST DECON #2	
92		POST DECON #4	
93		POST DECON #6	
94		POST DECON #9	
95		POST DECON #10	
96		POST DECON #42	
97		POST DECON #52	
98		POST DECON #54	
99		POST DECON #56	

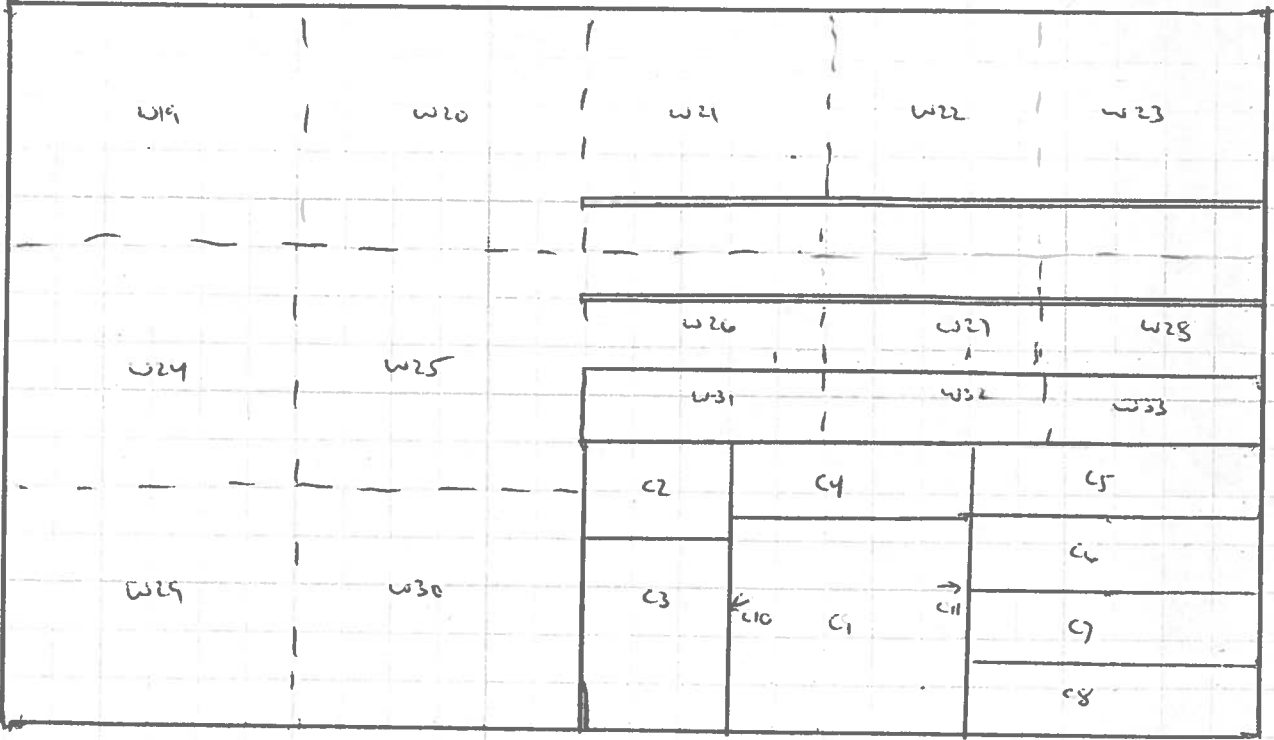
10/12

ISSD/0708C
Overview



118D / 0Y0BC
 WAP1 (B)

O = WIPE TEST LOCATION
 1ft = 2 blocks



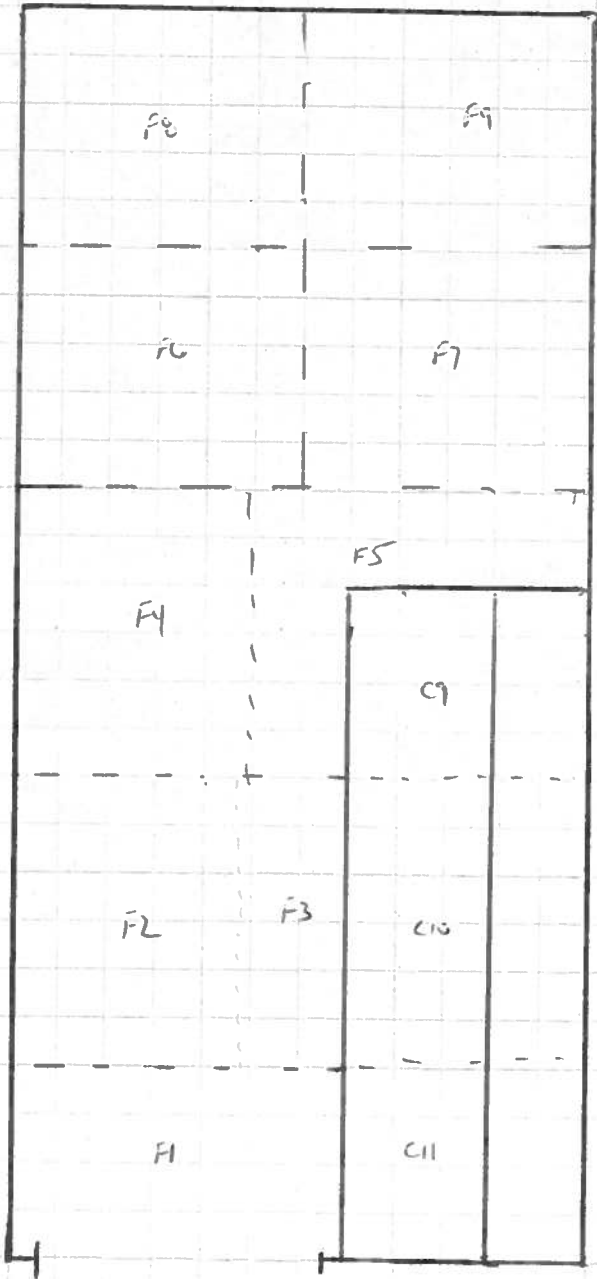
118D/D400C

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Floor view (F)

2 Blocks IFT

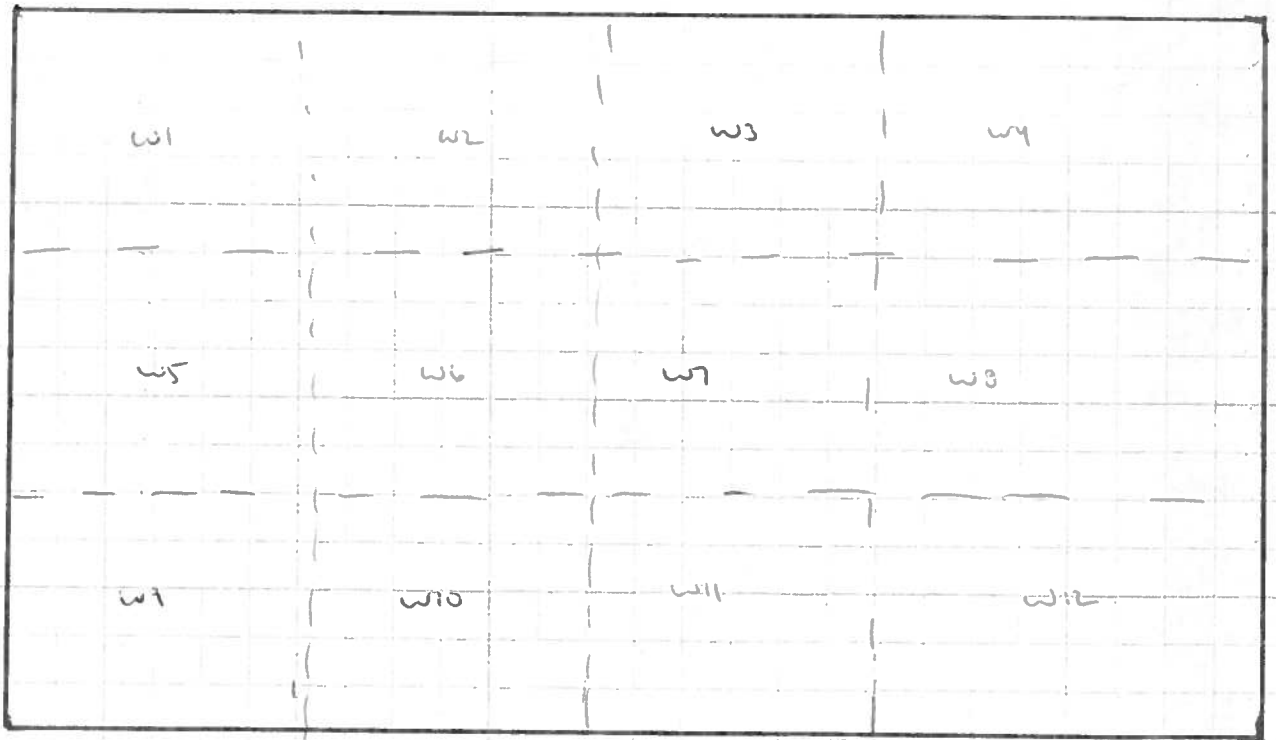
○ = Wipe Test Location



IBD / DYDEC
WMI (D)

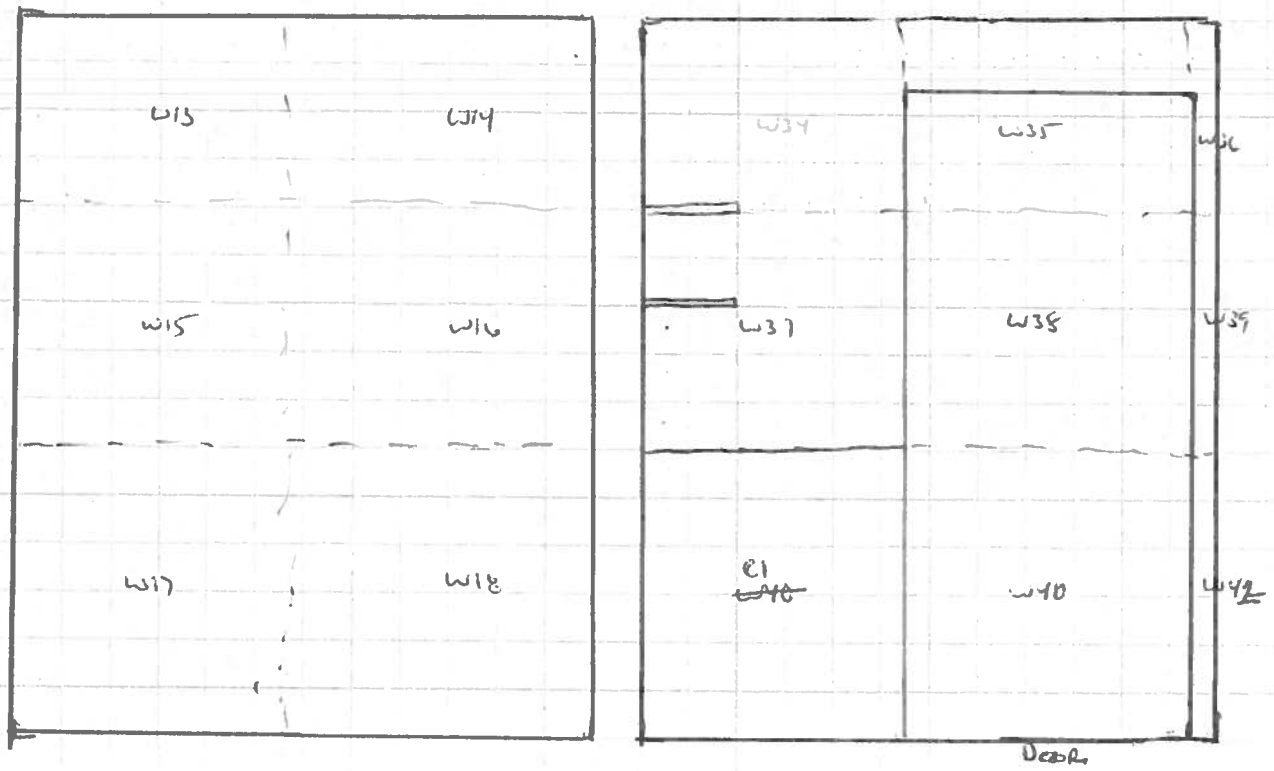
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O = WPC TEST LOCATION
1 FT = 2 BLOCKS

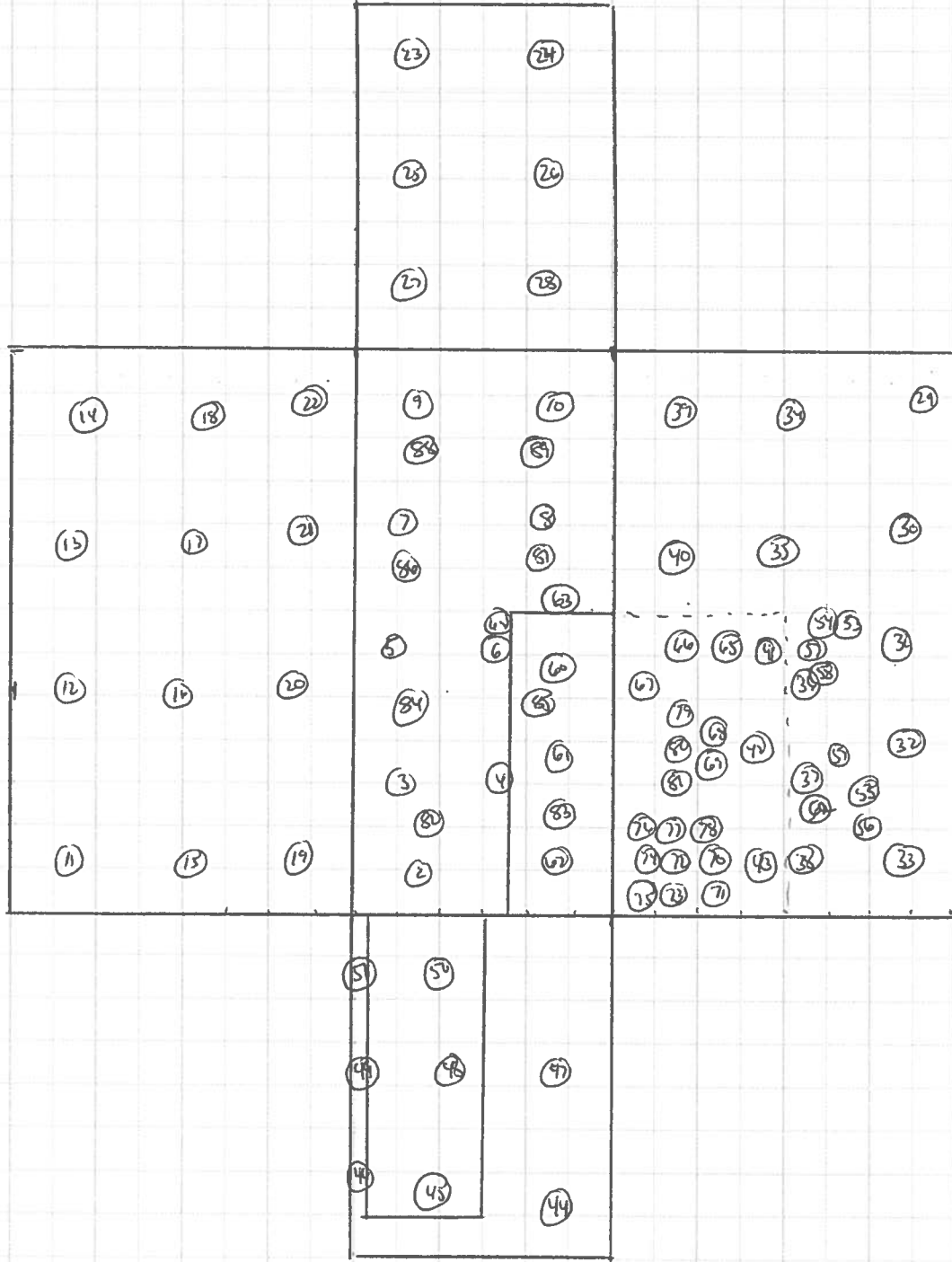


118D / D408C
WALL (A)

WALL (C)



O = W116 TEST LOCATION
1 ft = 2 blocks



O = wipe
LOCATIONS

118 D / D408 C Floor

FIXED READINGS IN DPM/100cm².

204	0	1,227	409	0	204	409
409	204	1,227	409	0	0	818
204	409	204	409	0	409	1,022
0	1,227	1,022	1,022	409	1,227	209
409	818	1,636	1,022	1,227	204	409
204	1,227	1,840	1,227	1,840	1,636	204
204	1,431	2,045	1,840	1,431		
1,022	1,840	2,045	1,636	1,431	0	
204	0	2,454	1,227	409	0	
0	613	2,045	1,431	0	0	
204	2,045	2,045	1,840	1,431		
0	1,840	1,840	1,636	204		
1,022	3,067	2,454	2,454	1,022		

SMALL FLOOR SPOT NOTED TO BE CONTAMINATED TO A LEVEL OF 14,724 dpm/100cm². DECONTAMINATED TO A LEVEL OF 1,227 dpm/100cm².

SMALL FLOOR SPOT NOTED TO BE CONTAMINATED TO A LEVEL OF 11,636 dpm/100cm². DECONTAMINATED TO A LEVEL OF 2,045 dpm/100cm².

SMALL FLOOR SPOT NOTED TO BE CONTAMINATED TO A LEVEL OF 6,748. DECONTAMINATED TO A LEVEL OF 1,431 dpm/100cm².

- Surveyed 100% of lower surfaces using 43-68. All areas noted to be at normal background levels, with the exception of the floor areas identified above.

13617

Assay Definition-

Assay Description:

Background check for PM Lab (Mikey)

Assay Type: CPM

Report Name: Report1

Output Data Path: C:\Packard\Tricarb\Results\bill\bills swipes

Raw Results Path: C:\Packard\Tricarb\Results\bill\bills swipes\20121105_1625\20121105_1625.results

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

Assay File Name: C:\Packard\TriCarb\Assays\bills swipes.lsa

Count Conditions-

Nuclide: TRIPLE

Quench Indicator: tSIE/AEC

External Std Terminator (sec): 0.5 2s%

Pre-Count Delay (min): 0.00

Quench Set: n/a

Count Time (min): 1.00

Count Mode: Normal

Assay Count Cycles: 1

Repeat Sample Count: 1

#Vials/Sample: 1

Calculate % Reference: Off

Background Subtract: Off

Low CPM Threshold: Off

2 Sigma % Terminator: Off

Regions	LL	UL
A	0.0	18.6
B	18.6	156.0
C	0.0	2000.0

Count Corrections-

Static Controller: On

Luminescence Correction: On

Colored Samples: n/a

Heterogeneity Monitor: n/a

Coincidence Time (nsec): 18

Delay Before Burst (nsec): 75

Half Life-

Half Life Correction: Off

Regions	Half Life	Units	Reference Date	Reference Time
A				
B				
C				

Cycle 1 Results

S#	CPMA	CPMB	CPMC	MESSAGES	PID	Custom1
1	0	27	24		3	
2	77	71	150		3	✓
3	30	33	67		3	
4	58	51	115		3	✓
5	20	35	59		3	
6	75	83	164		3	✓
7	40	46	92		3	
8	121	126	254		3	✓
9	22	34	59		3	
10	103	170	282		3	✓
11	3	20	25		3	

12	0	27	30	3
13	6	18	26	3
14	9	28	39	3
15	12	20	33	3
16	16	25	49	3
17	1	22	31	3
18	5	21	30	3
19	24	35	65	9
20	13	30	44	9
21	15	34	52	9
22	13	33	51	9
23	12	27	44	9
24	15	19	38	9
25	11	32	47	9
26	6	25	37	9
27	14	41	59	9
28	2	25	35	9
29	9	20	33	9
30	14	30	47	9
31	21	38	61	9
32	10	34	48	9
33	11	23	37	9
34	6	35	50	9
35	3	21	28	9
36	9	19	30	9
37	20	31	56	29
38	9	40	53	29
39	9	34	43	29
40	10	23	39	29
41	24	44	74	29
42	39	83	124	29 ✓
43	14	33	57	29
44	6	28	40	29
45	16	21	49	29
46	3	20	28	29
47	8	19	32	29
48	8	28	41	29
49	9	26	38	29
50	15	20	43	29
51	11	28	45	29
52	50	68	122	29 ✓
53	4	27	39	29
54	30	73	109	29 ✓
55	10	27	39	20
56	51	86	143	20 ✓
57	12	22	38	20
58	24	43	71	20
59	7	22	36	20
60	18	31	53	20
61	130	184	320	20 ✓
62	18	43	63	20
63	22	47	76	20
64	18	19	42	20
65	16	22	43	20
66	12	31	50	20
67	5	24	33	20
68	4	20	31	20
69	10	17	30	20
70	4	17	23	20
71	10	21	33	20
72	7	20	31	20
73	15	27	44	9
74	15	19	37	9

Protocol# 2 - bills swipes.lsa

User: bill

75	10	28	40	9
76	12	26	43	9
77	5	27	37	9
78	18	26	47	9
79	17	21	41	9
80	20	41	65	9
81	9	26	42	9
82	10	19	33	9
83	5	24	37	9
84	2	20	28	9
85	2	24	31	9
86	8	14	28	9
87	9	20	36	9
88	10	29	42	9
89	15	20	40	9

Protocol# 5 - Room Decon Swipes.lsa

User: Peter Keefe

Rad Spill 118 280 inside lab

Assay Definition-

Assay Description:

Assay Type: CPM

Report Name: Report1

Output Data Path: C:\Packard\Tricarb\Results\Peter Keefe\Room Decon Swipes\20121108_1156

Raw Results Path: C:\Packard\Tricarb\Results\Peter Keefe\Room Decon Swipes\20121108_1156
\20121108_1156.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
90	5	21	28	
91	18	14	36	
92	11	17	31	
93	12	26	40	
94	7	16	25	
95	4	19	27	
96	4	18	24	
97	5	19	24	
98	6	23	33	
99	2	17	22	
100	12	14	28	

Rep

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Assay Definition-

Assay Description:

Background check for PM Lab (Mikey)

Assay Type: CPM

Report Name: Report1

Output Data Path: C:\Packard\Tricarb\Results\bill\bills swipes

Raw Results Path: C:\Packard\Tricarb\Results\bill\bills swipes\20121108_1606\20121108_1606.results

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

Assay File Name: C:\Packard\TriCarb\Assays\bills swipes.lsa

Count Conditions-

Nuclide: TRIPLE

Quench Indicator: tSIE/AEC

External Std Terminator (sec): 0.5 2s%

Pre-Count Delay (min): 0.00

Quench Set: n/a

Count Time (min): 1.00

Count Mode: Normal

Assay Count Cycles: 1

Repeat Sample Count: 1

#Vials/Sample: 1

Calculate % Reference: Off

Background Subtract: Off

Low CPM Threshold: Off

2 Sigma % Terminator: Off

Regions	LL	UL
A	0.0	18.6
B	18.6	156.0
C	0.0	2000.0

Count Corrections-

Static Controller: On

Luminescence Correction: On

Colored Samples: n/a

Heterogeneity Monitor: n/a

Coincidence Time (nsec): 18

Delay Before Burst (nsec): 75

Half Life-

Half Life Correction: Off

Regions	Half Life	Units	Reference Date	Reference Time
A				
B				
C				

Cycle 1 Results

S#	CPMA	CPMB	CPMC	MESSAGES	PID	Custom1
101	11	17	30		3	
102	9	12	26		3	
103	5	15	25		3	
104	6	18	24		3	