



September 17, 2009

Nuclear Regulatory Commission
Materials Licensing Branch
US Nuclear Regulatory Commission, Region III
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

ATTN: Kevin Null

RE: License Amendment Request – License No. 24-13365-01, Amendment 35

Gentlemen,

Analytical Bio-Chemistry Laboratories, Inc. (ABC Labs) recently decided to permanently cease radioactive activities in Buildings A and B.

Title 10 CFR 20.1501 requires that each licensee make or cause to be made surveys that may be necessary for the licensee to comply with the regulations in Part 20 and that are reasonable under the circumstances to evaluate the extent of radiation levels, concentrations or quantities of radioactive materials, and the potential radiological hazards that could be present.

Title 10 CFR 21.1402 requires that a site will be considered acceptable for unrestricted use if the residual radioactivity that is distinguishable from background radiation results in a TEDE to an average member of the critical group that does not exceed 25 mrem (0.25 mSv) per year.

The survey results for Building A and Building B are included in Enclosures (1) and (2). ABC Labs is required to provide written notification that we have decided to cease the principle activity in the buildings. No residual contamination was found above the contamination level for unrestrictive release. For the sake of finality we are asking for recognition for release of these buildings.

A handwritten signature in blue ink that reads 'Sheila Hecht'.

Sheila Hecht

Director, Safety and Occupational Health

RECEIVED OCT 13 2009

TABLE OF CONTENTS

Building Certified Free of Radioactive
Contamination

1

Room A Swipe Map and Results

2

Room B Swipe Map and Results

3

Room C Swipe Map and Results

4

Room D Swipe Map and Results

5

Room E Swipe Map and Results

6

Room G Swipe Map and Results

7

Room H Swipe Map and Results

8

Room I Swipe Map and Results

9

10

04 Sept 09

MEMORANDUM

From: Radiation Safety Officer, ABC Labs

To: Scott Ward, Senior VP & General Manager, Chemical Services

GSW
9/14/09

Subj: BUILDING CERTIFIED FREE OF RADIOACTIVE CONTAMINATION

Ref: (a) NUREG-1556, Vol. 7, Appendix Q

Encl: (1) Building A Room A Swipe Map and Results
(2) Building A Room B Swipe Map and Results
(3) Building A Room C Swipe Map and Results
(4) Building A Room D Swipe Map and Results
(5) Building A Room E Swipe Map and Results
(6) Building A Room G Swipe Map and Results
(7) Building A Room H Swipe Map and Results
(8) Building A Room I Swipe Map and Results

1. In accordance with reference (a), radiation contamination surveys are required prior to release of an area for general use.
2. Swipe surveys were performed on 14–25 Aug 2009 in Building A. The survey indicated that the rooms (floor, roof and walls) were found to be below the federal limits for loose surface contamination. The local command's trigger level for loose surface contamination is 200 dpm. The survey results and maps are submitted as enclosures (2) through (9).
3. The room is released from controls regarding radiation safety effective 04 September 2009.
4. If you have any questions regarding this report or its results, please contact Radiation Safety Division at 777-6070.

S. C. Hecht

S. C. HECHT
Radiation safety Officer

BLDG A ROOM A		ROOM A			
Control	<200 dpm	A41	<200 dpm	A84	<200 dpm
Control	<200 dpm	A42	<200 dpm	A85	<200 dpm
Blank	0 dpm	A43	<200 dpm	A86	<200 dpm
A1	<200 dpm	A44	<200 dpm	A87	<200 dpm
A2	<200 dpm	A45	<200 dpm	A88	<200 dpm
A3	<200 dpm	A46	<200 dpm	A89	<200 dpm
A4	<200 dpm	A47	<200 dpm	A90	<200 dpm
A5	<200 dpm	A48	<200 dpm	A91	<200 dpm
A6	<200 dpm	A49	<200 dpm	A92	<200 dpm
A7	<200 dpm	A50	<200 dpm	A93	<200 dpm
A8	<200 dpm	A51	<200 dpm	A94	<200 dpm
A9	<200 dpm	A52	<200 dpm	A95	<200 dpm
A10	<200 dpm	A53	<200 dpm	A96	<200 dpm
A11	<200 dpm	A54	<200 dpm	A97	<200 dpm
A12	<200 dpm	A55	<200 dpm	A98	<200 dpm
A13	<200 dpm	A56	<200 dpm	A99	<200 dpm
A14	<200 dpm	A57	<200 dpm	A100	<200 dpm
A15	<200 dpm	A58	<200 dpm	A101	<200 dpm
A16	<200 dpm	A59	<200 dpm	A102	<200 dpm
A17	<200 dpm	A60	<200 dpm	A103	<200 dpm
A18	<200 dpm	A61	<200 dpm	A104	<200 dpm
A19	<200 dpm	A62	<200 dpm	A105	<200 dpm
A20	<200 dpm	A63	<200 dpm	A106	<200 dpm
A21	<200 dpm	A64	<200 dpm	A107	<200 dpm
A22	<200 dpm	A65	<200 dpm	A108	<200 dpm
A23	<200 dpm	A66	<200 dpm	A109	<200 dpm
A24	<200 dpm	A67	<200 dpm	A110	<200 dpm
A25	<200 dpm	A68	<200 dpm	A111	<200 dpm
A26	<200 dpm	A69	<200 dpm	A112	<200 dpm
A27	<200 dpm	A70	<200 dpm	A113	<200 dpm
A28	<200 dpm	A71	<200 dpm	A114	<200 dpm
A29	<200 dpm	A72	<200 dpm		
A30	<200 dpm	A73	<200 dpm		
A31	<200 dpm	A74	<200 dpm		
A32	<200 dpm	A75	<200 dpm		
A33	<200 dpm	A76	<200 dpm		
A34	<200 dpm	A77	<200 dpm		
A35	<200 dpm	A78	<200 dpm		
A36	<200 dpm	A79	<200 dpm		
A37	<200 dpm	A80	<200 dpm		
A38	<200 dpm	A81	<200 dpm		
A39	<200 dpm	A82	<200 dpm		
A40	<200 dpm	A83	<200 dpm		

FD: BLDG A

14 MAY 2009 14:52

ER:18

COMMENT: ROOMS A,B,C

RESET TIME : 1.00
 DATA CALC : SL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : STI
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 TWO PHASE : NO AGC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Gff COLOR QUENCH CORRECTION: On

Quench Limits Low:-0.313 High:326.03

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
B1	52-1	1.00	88.7	22.00	42.64	23.31	94.39	0.62	1.51
B2	52-2	1.00	88.5	28.00	37.80	29.66	94.39	0.61	3.11
Blank Average				DPM	for	14C :	26.49	COEF. OF VAR:	16.966

Room A ↓

1	52-4	1.00	108.2	59.00	26.04	36.60	93.52	7.12	4.75
2	52-5	1.00	104.9	24.00	40.82	-0.87	93.68	10.10	6.34
3	52-6	1.00	108.5	36.00	33.33	12.01	93.51	11.05	7.98
4	52-7	1.00	108.4	50.00	28.28	26.98	93.51	9.06	9.60
5	52-8	1.00	101.8	35.00	33.81	10.82	93.83	6.17	11.23
6	52-9	1.00	100.7	18.00	47.14	-7.31	93.88	10.04	12.85
7	52-10	1.00	103.9	34.00	34.30	9.79	93.73	7.04	14.58
8	52-11	1.00	107.7	26.00	39.22	1.31	93.55	12.15	16.20
9	52-12	1.00	108.8	94.00	20.63	74.06	93.49	6.94	17.96
10	52-13	1.00	118.7	59.00	26.04	36.97	92.98	14.86	19.57
11	52-14	1.00	109.7	33.00	34.82	8.83	93.45	12.84	21.22
12	52-15	1.00	113.5	37.00	32.88	13.19	93.25	10.57	22.85
13	52-16	1.00	120.2	37.00	32.88	13.35	92.89	18.55	24.49
14	52-17	1.00	105.7	41.00	31.23	17.30	93.64	9.12	26.12
15	52-18	1.00	109.1	27.00	38.49	2.40	93.48	10.46	27.75
16	9-1	1.00	105.5	22.00	42.64	-2.99	93.65	10.35	29.46
17	9-2	1.00	108.8	42.00	30.86	18.44	93.49	8.37	31.11
18	9-3	1.00	127.0	26.00	39.22	1.63	92.49	14.32	32.72
19	9-4	1.00	110.3	30.00	36.51	5.63	93.42	7.89	34.47
20	9-5	1.00	109.2	43.00	30.50	19.52	93.47	22.21	36.09
21	9-6	1.00	104.7	27.00	38.49	2.33	93.69	8.22	37.73
22	9-7	1.00	104.1	26.00	39.22	1.26	93.72	9.93	39.33
23	9-8	1.00	114.6	21.00	43.64	-3.95	93.20	14.88	40.98
24	9-9	1.00	110.0	33.00	34.82	8.83	93.43	11.17	42.60
25	9-10	1.00	122.9	75.00	23.09	54.39	92.73	7.62	44.36
26	9-11	1.00	118.1	51.00	28.01	28.35	93.01	17.16	45.97
27	9-12	1.00	114.1	35.00	33.81	11.06	93.23	13.53	47.61
28	9-13	1.00	115.5	28.00	37.80	3.57	93.15	8.63	49.23
29	9-14	1.00	109.3	35.00	33.81	10.96	93.47	11.38	50.88
30	9-15	1.00	114.5	36.00	33.33	12.14	93.20	16.28	52.50
31	9-16	1.00	108.3	38.00	32.44	14.15	93.52	18.61	54.14
32	9-17	1.00	106.0	29.00	37.14	4.49	93.63	11.51	55.77
33	9-18	1.00	117.2	63.00	25.20	41.21	93.06	9.85	57.40
34	6-1	1.00	120.9	39.00	32.03	15.52	92.85	12.80	59.12
35	6-2	1.00	123.2	38.00	32.44	14.50	92.71	13.33	60.77
36	6-3	1.00	117.4	32.00	35.36	7.91	93.04	15.34	62.39
37	6-4	1.00	121.9	36.00	33.33	12.31	92.79	27.16	64.04
38	6-5	1.00	116.5	30.00	36.51	5.74	93.10	15.12	65.65

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
39	6-6	1.00	122.4	36.00	33.33	12.32	92.77	19.67	67.31
40	6-7	1.00	112.6	33.00	34.82	8.88	93.30	18.39	68.94
41	6-8	1.00	120.0	17.00	48.51	-8.19	92.90	17.25	70.58
42	6-9	1.00	116.6	30.00	36.51	5.74	93.09	14.87	72.20
43	6-10	1.00	105.1	19.00	45.88	-6.20	93.67	10.44	73.83
44	6-11	1.00	110.0	31.00	35.92	6.69	93.43	7.71	75.46
45	6-12	1.00	119.2	52.00	27.74	29.46	92.95	33.59	77.11
46	6-13	1.00	114.4	141.00	16.84	124.79	93.21	2.97	78.84
47	6-14	1.00	120.7	58.00	26.26	35.97	92.86	8.46	80.37
48	6-15	1.00	117.2	38.00	32.44	14.35	93.06	11.86	82.00
49	6-16	1.00	112.1	40.00	31.62	16.38	93.33	9.37	83.52
50	6-17	1.00	118.9	30.00	36.51	5.78	92.97	28.33	85.16
51	6-18	1.00	107.2	32.00	35.36	7.71	93.57	11.56	86.80
52	3-1	1.00	111.5	97.00	20.31	77.41	93.36	4.95	88.52
53	3-2	1.00	117.2	59.00	26.04	36.92	93.06	13.12	90.15
54	3-3	1.00	130.7	45.00	29.81	22.29	92.26	29.94	91.79
55	3-4	1.00	121.0	39.00	32.03	15.52	92.84	11.67	93.44
56	3-5	1.00	123.6	29.00	37.14	4.80	92.69	17.08	95.05
57	3-6	1.00	118.4	39.00	32.03	15.45	92.99	14.20	96.81
58	3-7	1.00	118.9	40.00	31.62	16.54	92.96	10.26	98.44
59	3-8	1.00	115.7	31.00	35.92	6.80	93.14	10.56	100.08
60	3-9	1.00	114.2	27.00	38.49	2.48	93.22	10.47	101.69
61	3-10	1.00	115.6	29.00	37.14	4.65	93.14	10.16	103.33
62	3-11	1.00	120.1	35.00	33.81	11.19	92.89	9.09	104.95
63	3-12	1.00	112.5	26.00	39.22	1.38	93.31	7.24	106.58
64	3-13	1.00	110.9	34.00	34.30	9.92	93.39	6.43	108.19
65	3-14	1.00	107.4	26.00	39.22	1.30	93.56	7.12	109.85
66	3-15	1.00	115.5	31.00	35.92	6.79	93.15	10.52	111.57
67	3-16	1.00	115.5	56.00	26.73	33.63	93.15	5.60	113.19
68	3-17	1.00	114.7	44.00	30.15	20.73	93.19	18.94	114.93
69	3-18	1.00	111.0	31.00	35.92	6.71	93.38	15.39	116.55
70	**-1	1.00	107.1	27.00	38.49	2.37	93.58	14.82	118.37
71	**-2	1.00	105.4	30.00	36.51	5.55	93.66	11.00	120.01
72	**-3	1.00	106.7	31.00	35.92	6.64	93.60	10.31	121.64
73	**-4	1.00	111.3	35.00	33.81	11.00	93.37	19.48	123.29
74	**-5	1.00	110.9	22.00	42.64	-2.93	93.39	14.99	124.90
75	**-6	1.00	113.6	29.00	37.14	4.61	93.25	15.33	126.55
76	**-7	1.00	108.3	33.00	34.82	8.80	93.52	8.12	128.26
77	**-8	1.00	110.2	31.00	35.92	6.70	93.43	6.38	129.89
78	**-9	1.00	112.2	39.00	32.03	15.31	93.32	16.64	131.52
79	**-10	1.00	108.5	21.00	43.64	-4.03	93.51	11.84	133.16
80	**-11	1.00	106.6	30.00	36.51	5.56	93.60	14.19	134.78
81	**-12	1.00	115.2	34.00	34.30	10.01	93.17	15.15	136.43
82	**-13	1.00	111.3	32.00	35.36	7.79	93.37	27.82	138.06
83	**-14	1.00	112.1	26.00	39.22	1.37	93.33	10.18	139.70
84	**-15	1.00	113.8	27.00	38.49	2.47	93.24	16.29	141.32
85	**-16	1.00	114.6	29.00	37.14	4.63	93.20	11.76	142.97
86	**-17	1.00	109.7	21.00	43.64	-4.01	93.45	10.71	144.58
87	**-18	1.00	110.2	28.00	37.80	3.48	93.43	11.83	146.21
88	**-1	1.00	119.6	31.00	35.92	6.87	92.92	20.88	147.94
89	**-2	1.00	110.5	30.00	36.51	5.63	93.41	13.75	149.58
90	**-3	1.00	112.2	30.00	36.51	5.66	93.32	7.32	151.20
91	**-4	1.00	113.8	21.00	43.64	3.94	93.24	15.27	152.83
92	**-5	1.00	112.0	24.00	42.85	1.77	93.33	17.12	154.46
93	**-6	1.00	114.8	30.00	36.51	5.73	93.18	14.88	156.09
94	**-7	1.00	110.8	44.00	30.15	28.28	93.27	7.88	157.71
95	**-8	1.00	112.2	28.00	37.80	5.86	93.37	17.11	159.34

Room A

Room B

~~91 **-4 1.00 113.8 21.00 43.64 3.94 93.24 15.27 152.83~~
~~92 **-5 1.00 112.0 24.00 42.85 1.77 93.33 17.12 154.46~~
~~93 **-6 1.00 114.8 30.00 36.51 5.73 93.18 14.88 156.09~~
~~94 **-7 1.00 110.8 44.00 30.15 28.28 93.27 7.88 157.71~~
~~95 **-8 1.00 112.2 28.00 37.80 5.86 93.37 17.11 159.34~~

ID: BLDG A

25 MAY 2009 08:56

USER:10

COMMENT:CEILING SWIPES RMS A,B,C,D,E,H,I

PRESET TIME : 1.00
 DATA CALC : SL DPM H# :YES SAMPLE REPEATS: 1 PRINTER : STI
 COUNT BLANK : NO IC# : NO REPLICATES : 1 RS232 : OFF
 TWO PHASE : NO AQC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low: 0.010 High:325.27

SAM NO	POS	TIME MIN	H#	<u>14C</u>		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
1	57-1	1.00	86.8	27.00	38.49	28.70	94.07	0.49	1.67
2	57-2	1.00	86.6	26.00	39.22	27.64	94.08	0.44	3.28
MISSING SAMPLE									
4	57-4-1	1.00	99.9	41.00	31.23	43.87	93.47	3.03	5.01
5	57-5-2	1.00	98.5	54.00	27.22	57.73	93.54	2.08	6.61
6	57-6-3	1.00	98.0	41.00	31.23	43.82	93.56	2.19	8.24
7	57-7-4	1.00	101.0	28.00	37.80	29.97	93.41	2.75	9.95
8	57-8-5	1.00	101.8	28.00	37.80	29.99	93.37	4.15	11.58
9	57-9-6	1.00	98.4	38.00	32.44	40.62	93.54	3.46	13.19
10	57-10-7	1.00	101.7	41.00	31.23	43.91	93.38	3.29	14.81
11	57-11-8	1.00	102.1	53.00	27.47	56.77	93.36	3.87	16.43
12	57-12-9	1.00	104.0	48.00	28.87	51.47	93.26	4.02	18.07
13	57-13-10	1.00	101.9	60.00	25.82	64.26	93.37	4.28	19.78
14	57-14-11	1.00	89.2	42.00	30.86	44.70	93.97	0.41	21.42
15	57-15-12	1.00	88.5	36.00	33.33	38.30	94.00	0.47	23.02
16	57-16-13	1.00	108.5	117.00	18.49	125.77	93.03	1.99	24.76
17	57-17-14	1.00	103.2	110.00	19.07	117.90	93.30	1.57	26.38
18	57-18-15	1.00	109.1	97.00	20.31	104.31	92.99	2.34	28.01
19	6-1-16	1.00	111.0	114.00	18.73	122.72	92.90	1.66	29.86
20	6-2-17	1.00	109.2	69.00	24.08	74.20	92.99	3.30	31.50
21	6-3-18	1.00	110.2	142.00	16.78	152.79	92.94	1.50	33.12
22	6-4-19	1.00	109.7	61.00	25.61	65.62	92.96	4.18	34.76
23	6-5-20	1.00	88.3	17.00	48.51	18.08	94.01	0.41	36.37
24	6-6-21	1.00	88.8	47.00	29.17	50.01	93.98	0.22	37.99
25	6-7-22	1.00	105.7	50.00	28.28	53.66	93.17	2.26	39.61
26	6-8-23	1.00	104.8	39.00	32.03	41.84	93.22	3.33	41.35
27	6-9-24	1.00	103.8	64.00	25.00	68.62	93.27	2.02	42.96
28	6-10-1	1.00	101.5	24.00	40.82	25.70	93.39	4.23	44.59
29	6-11-2	1.00	104.4	80.00	22.36	85.80	93.24	5.09	46.21
30	6-12-3	1.00	102.3	71.00	23.74	76.06	93.35	2.83	47.95
31	6-13-4	1.00	86.5	24.00	40.82	25.51	94.09	0.48	49.57
32	6-14-5	1.00	86.5	31.00	35.92	32.95	94.09	0.31	51.20
33	6-15-6	1.00	98.3	32.00	35.36	34.21	93.55	3.30	52.81
34	6-16-7	1.00	99.2	41.00	31.23	43.85	93.50	3.24	54.45
35	6-17-8	1.00	103.6	37.00	32.88	39.66	93.28	3.09	56.06
36	6-18-9	1.00	103.4	64.00	25.00	68.60	93.29	2.53	57.80
37	**-1-10	1.00	104.1	39.00	32.03	41.82	93.26	5.65	59.51
38	**-2-11	1.00	100.9	34.00	34.30	36.40	93.42	3.96	61.24
39	**-3-12	1.00	96.8	39.00	32.03	41.66	93.61	4.37	62.87
40	**-4-13	1.00	101.9	81.00	22.22	86.75	93.37	1.90	64.51
41	**-5-14	1.00	100.6	26.00	39.22	27.83	93.43	5.25	66.11
42	**-6-15	1.00	101.9	37.00	32.88	39.63	93.37	7.98	67.85

Room A

Room B

56	57	58	59	60	61	62	63
34	35	36	37	38	39	40	41
12	13	14	15	16	17	18	19

Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

45	46	47	48	49	50	51	52
23	24	25	26	27	28	29	30
1	2	3	4	5	6	7	8

Room Survey Date: 25 July 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

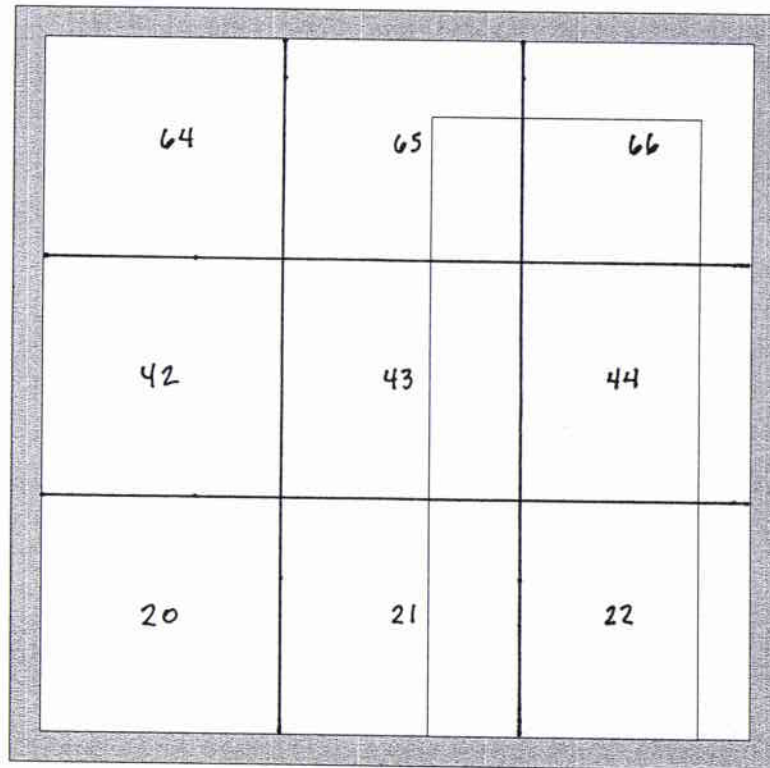
S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

S/N: PR276541

Survey Readings: <100 cpm



Room Survey Date: 25 July 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

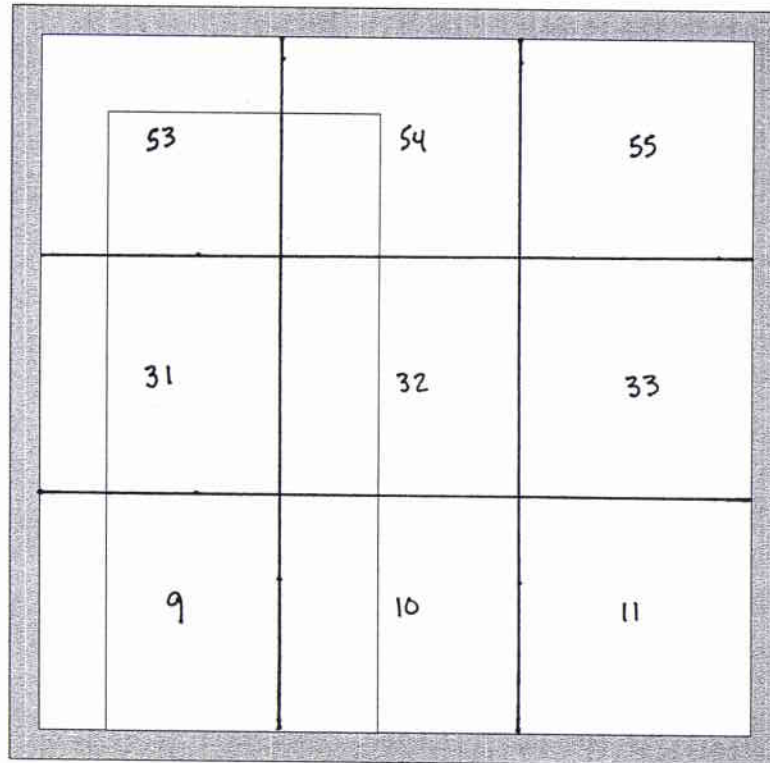
S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

S/N: PR276541

Survey Readings: <100 cpm



Room Survey Date: 25 July 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

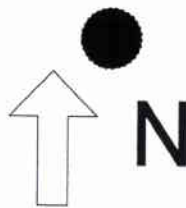
S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

S/N: PR276541

Survey Readings: <100 cpm



83	84	85	86	87	88	89	90
75	76	77	78	79	80	81	82
67	68	69	70	71	72	73	74

Room Survey Date: 25 July 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

S/N: PR276541

Survey Readings: <100 cpm

17	18	19	20	21	22	23	24
9	10	11	12	13	14	15	16
1	2	3	4	5	6	7	8

Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541



Survey Readings: <100 cpm

BLDG A ROOM B		ROOM B			
Control	<200 dpm	B41	<200 dpm		
Control	<200 dpm	B42	<200 dpm		
Blank	0 dpm	B43	<200 dpm		
B1	<200 dpm	B44	<200 dpm		
B2	<200 dpm	B45	<200 dpm		
B3	<200 dpm	B46	<200 dpm		
B4	<200 dpm	B47	<200 dpm		
B5	<200 dpm	B48	<200 dpm		
B6	<200 dpm	B49	<200 dpm		
B7	<200 dpm	B50	<200 dpm		
B8	<200 dpm	B51	<200 dpm		
B9	<200 dpm	B52	<200 dpm		
B10	<200 dpm	B53	<200 dpm		
B11	<200 dpm	B54	<200 dpm		
B12	<200 dpm	B55	<200 dpm		
B13	<200 dpm	B56	<200 dpm		
B14	<200 dpm	B57	<200 dpm		
B15	<200 dpm	B58	<200 dpm		
B16	<200 dpm	B59	<200 dpm		
B17	<200 dpm	B60	<200 dpm		
B18	<200 dpm	B61	<200 dpm		
B19	<200 dpm	B62	<200 dpm		
B20	<200 dpm	B63	<200 dpm		
B21	<200 dpm	B64	<200 dpm		
B22	<200 dpm	B65	<200 dpm		
B23	<200 dpm	B66	<200 dpm		
B24	<200 dpm	B67	<200 dpm		
B25	<200 dpm	B68	<200 dpm		
B26	<200 dpm	B69	<200 dpm		
B27	<200 dpm	B70	<200 dpm		
B28	<200 dpm	B71	<200 dpm		
B29	<200 dpm	B72	<200 dpm		
B30	<200 dpm	B73	<200 dpm		
B31	<200 dpm	B74	<200 dpm		
B32	<200 dpm	B75	<200 dpm		
B33	<200 dpm	B76	<200 dpm		
B34	<200 dpm	B77	<200 dpm		
B35	<200 dpm	B78	<200 dpm		
B36	<200 dpm				
B37	<200 dpm				
B38	<200 dpm				
B39	<200 dpm				
B40	<200 dpm				

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
39	6-1	1.00	122.4	36.00	33.33	12.32	92.77	19.67	67.31
40	6-7	1.00	112.6	33.00	34.82	8.88	93.30	18.39	68.92
41	6-8	1.00	120.0	17.00	48.51	-8.19	92.90	17.25	70.38
42	6-9	1.00	116.6	30.00	36.51	5.74	93.09	14.87	71.20
43	6-10	1.00	105.1	19.00	45.88	-6.20	93.67	10.44	73.83
44	6-11	1.00	110.0	31.00	35.92	6.69	93.43	7.71	75.46
45	6-12	1.00	119.2	52.00	27.74	29.46	92.95	33.59	77.11
46	6-13	1.00	114.4	141.00	16.84	124.79	93.21	2.97	78.84
47	6-14	1.00	120.7	58.00	26.26	35.97	92.86	8.45	80.37
48	6-15	1.00	117.2	38.00	32.44	14.35	93.06	11.86	82.00
49	6-16	1.00	112.1	40.00	31.62	16.38	93.33	7.37	83.52
50	6-17	1.00	118.9	30.00	36.51	5.78	92.97	28.33	85.16
51	6-18	1.00	107.2	32.00	35.36	7.71	93.57	11.56	86.80
52	3-1	1.00	111.5	97.00	20.31	77.41	93.35	4.95	88.52
53	3-2	1.00	117.2	59.00	26.04	36.92	93.06	13.12	90.15
54	3-3	1.00	130.7	45.00	29.81	22.29	92.26	29.94	91.79
55	3-4	1.00	121.0	39.00	32.03	15.52	92.84	11.67	93.44
56	3-5	1.00	123.6	29.00	37.14	4.80	92.69	17.08	95.05
57	3-6	1.00	118.4	39.00	32.03	15.45	92.99	14.20	96.81
58	3-7	1.00	118.9	40.00	31.62	16.54	92.96	10.26	98.44
59	3-8	1.00	115.7	31.00	35.92	6.80	93.14	10.56	100.08
60	3-9	1.00	114.2	27.00	38.49	2.48	93.22	10.47	101.69
61	3-10	1.00	115.6	29.00	37.14	4.65	93.14	10.16	103.33
62	3-11	1.00	120.1	35.00	33.81	11.19	92.89	9.09	104.95
63	3-12	1.00	112.5	28.00	39.22	1.38	93.31	7.24	106.58
64	3-13	1.00	110.9	34.00	34.30	9.92	93.39	6.43	108.19
65	3-14	1.00	107.4	26.00	39.22	1.38	93.56	7.12	109.85
66	3-15	1.00	115.5	31.00	35.92	6.79	93.15	10.52	111.57
67	3-16	1.00	115.5	56.00	25.73	33.63	93.15	5.80	113.19
68	3-17	1.00	114.7	44.00	30.15	20.73	93.19	18.94	114.93
69	3-18	1.00	111.0	31.00	35.92	6.71	93.38	15.39	116.55
70	**-1	1.00	107.1	27.00	38.49	2.37	93.58	14.82	118.37
71	**-2	1.00	105.4	30.00	36.51	5.55	93.66	11.00	120.01
72	**-3	1.00	106.7	31.00	35.92	6.84	93.60	10.31	121.64
73	**-4	1.00	111.3	35.00	33.81	11.00	93.37	19.48	123.29
74	**-5	1.00	110.9	22.00	42.64	-2.93	93.39	14.99	124.90
75	**-6	1.00	113.6	29.00	37.14	4.61	93.25	15.33	126.55
76	**-7	1.00	108.3	33.00	34.82	8.80	93.52	8.12	128.26
77	**-8	1.00	110.2	31.00	35.92	6.70	93.43	6.38	129.89
78	**-9	1.00	117.2	39.00	32.03	15.31	93.32	16.64	131.52
79	**-10	1.00	108.5	21.00	43.64	-4.03	93.51	11.84	133.16
80	**-11	1.00	106.6	30.00	36.51	5.56	93.60	14.19	134.78
81	**-12	1.00	115.2	34.00	34.30	10.01	93.17	15.15	136.43
82	**-13	1.00	111.3	32.00	35.36	7.79	93.37	27.32	138.06
83	**-14	1.00	112.1	26.00	39.22	1.37	93.33	10.18	139.70
84	**-15	1.00	113.8	27.00	38.49	2.47	93.24	16.29	141.32
85	**-16	1.00	114.6	29.00	37.14	4.63	93.20	11.76	142.97
86	**-17	1.00	109.7	21.00	43.64	-4.01	93.45	10.71	144.58
87	**-18	1.00	110.2	28.00	37.80	3.48	93.43	11.83	146.21
88	**-1	1.00	119.6	31.00	35.92	6.87	92.92	20.88	147.94
89	**-2	1.00	110.5	30.00	36.51	5.63	93.41	13.75	149.58
90	**-3	1.00	112.2	30.00	36.51	5.66	93.32	7.32	151.20
91	**-4 B1	1.00	113.8	21.00	43.64	-3.96	93.24	18.09	152.85
92	**-5 B2	1.00	112.0	24.00	40.82	-0.77	93.33	14.27	154.36
93	**-6 B3	1.00	116.0	30.00	36.51	5.73	93.12	16.90	156.00
94	**-7 B4	1.00	110.8	44.00	30.15	20.63	93.39	7.88	157.61
95	**-8 B5	1.00	116.9	20.00	44.72	-5.00	93.07	17.11	159.27
96	**-9 B6	1.00	117.7	38.00	33.53	7.93	93.77		

Room B

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
97	**1087	1.00	125.1	32.00	35.36	8.07	92.60	13.72	162.55
98	**1188	1.00	114.3	28.00	37.80	3.55	93.21	10.83	164.27
99	**1289	1.00	112.3	32.00	35.36	7.81	93.32	10.45	165.90
100	**13810	1.00	117.0	76.00	22.94	55.17	93.07	4.07	167.52
101	**14811	1.00	114.1	40.00	31.62	16.42	93.22	8.45	169.16
102	**15812	1.00	113.6	37.00	32.88	13.19	93.25	10.26	170.79
103	**16813	1.00	115.2	33.00	34.82	8.94	93.16	10.25	172.41
104	**17814	1.00	121.8	38.00	32.44	14.46	92.80	11.51	174.03
105	**18815	1.00	114.2	28.00	37.80	3.55	93.22	22.74	175.69
106	**1816	1.00	111.5	38.00	32.44	14.22	93.36	8.79	177.40
107	**2817	1.00	122.9	36.00	33.33	12.34	92.73	9.65	179.05
108	**3818	1.00	119.4	33.00	34.82	9.02	92.93	15.98	180.67
109	**4819	1.00	113.8	34.00	34.30	9.98	93.24	7.69	182.31
110	**5820	1.00	121.3	36.00	33.33	12.30	92.83	15.80	183.93
111	**6821	1.00	123.1	28.00	37.80	3.71	92.72	16.65	185.57
112	**7822	1.00	127.6	38.00	32.44	14.62	92.45	11.51	187.19
113	**8823	1.00	124.2	36.00	33.33	12.37	92.66	10.69	188.84
114	**9824	1.00	110.2	36.00	33.33	12.05	93.42	16.03	190.46
115	**10825	1.00	120.0	28.00	37.80	3.65	92.90	15.22	192.10
116	**11826	1.00	114.3	35.00	33.81	11.06	93.21	12.48	193.71
117	**12827	1.00	109.8	33.00	34.82	8.83	93.45	9.98	195.47
118	**13828	1.00	104.8	28.00	37.80	3.40	93.69	8.49	197.18
119	**14829	1.00	112.3	32.00	35.36	7.81	93.32	17.12	198.82
120	**15830	1.00	110.6	37.00	32.88	13.13	93.40	17.04	200.44
121	**16831	1.00	122.8	37.00	32.88	13.41	92.74	11.29	202.09
122	**17832	1.00	122.4	37.00	32.88	13.40	92.76	11.72	203.72
123	**18833	1.00	119.8	30.00	36.51	5.80	92.91	12.82	205.35
124	16-1834	1.00	118.3	23.00	41.70	-1.75	93.00	18.72	207.07
125	16-2835	1.00	117.6	27.00	38.49	2.54	93.03	12.24	208.82
126	16-3836	1.00	166.4	61.00	25.61	41.71	89.44	58.05	210.46
127	16-4837	1.00	151.9	27.00	38.49	3.28	90.72	46.07	212.12
128	16-5838	1.00	131.8	34.00	34.30	10.40	92.19	12.16	213.73
129	16-6839	1.00	114.0	24.00	40.82	-0.74	93.23	9.95	215.38
130	16-7840	1.00	122.7	30.00	36.51	5.86	92.75	23.28	217.01
131	16-8841	1.00	117.9	36.00	33.33	12.22	93.02	13.75	218.65
132	16-9842	1.00	127.3	26.00	39.22	1.63	92.47	24.15	220.27
133	16-10843	1.00	117.3	32.00	35.36	7.90	93.05	10.72	221.91
134	16-11844	1.00	118.6	39.00	32.03	15.46	92.98	17.53	223.54
135	16-12845	1.00	115.9	60.00	25.82	37.94	93.13	14.19	225.19
136	16-13846	1.00	111.8	35.00	33.81	11.01	93.34	8.11	226.80
137	16-14847	1.00	107.3	24.00	40.82	-0.84	93.57	11.81	228.45
138	16-15848	1.00	111.3	33.00	34.82	8.86	93.37	8.06	230.06
139	16-16849	1.00	111.1	33.00	34.82	8.86	93.38	7.50	231.69
140	16-17850	1.00	114.6	20.00	44.72	-5.03	93.19	9.50	233.31
141	16-18851	1.00	114.4	35.00	33.81	11.07	93.21	7.75	234.95
142	38-1852	1.00	105.9	27.00	38.49	2.35	93.63	10.20	236.66
143	38-2853	1.00	111.3	37.00	32.88	13.14	93.37	12.46	238.30
144	38-3854	1.00	108.8	32.00	35.36	7.74	93.50	6.84	239.91
145	38-4855	1.00	113.2	24.00	40.82	-0.75	93.27	8.31	241.54
146	38-5856	1.00	106.7	30.00	36.51	5.57	93.60	5.99	243.16
147	38-6857	1.00	105.3	28.00	37.80	3.41	93.66	7.26	244.90
148	38-7858	1.00	117.2	31.00	35.92	6.83	93.06	20.89	246.52
149	38-8859	1.00	109.3	27.00	38.49	2.40	93.47	16.71	248.06
150	38-9860	1.00	111.4	21.00	43.64	-3.99	93.36	12.06	249.77
151	38-10	1.00	115.7	34.00	34.30	10.02	93.14	10.40	251.42
152	38-11	1.00	116.4	31.00	35.92	6.81	93.18	17.14	253.13
153	38-12	1.00	112.4	18.00	47.14	-7.20	93.31	10.75	254.76
						8.00	92.95	4.58	256.38

Room B

Room C

L

ID: 64780

22 MAY 2009 06:2

USER:10

COMMENT:SWIPES

PRESET TIME : 1.00
 TA CALC : SL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : ST
 JUNT BLANK : NO IC# : NO REPLICATES : 1 RS232 : OF
 TWO PHASE : NO AGC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low: 0.010 High:325.27

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
1	57-1	1.00	86.3	28.00	37.80	29.76	94.09	0.37	1.54
2	57-2	1.00	86.4	28.00	37.80	29.76	94.09	0.41	3.12
MISSING SAMPLE									
Room B - 4	57-4 ⁸⁶¹	1.00	99.4	41.00	31.23	43.85	93.49	3.16	4.76
5	57-5 ⁸⁶²	1.00	98.2	56.00	26.73	59.86	93.55	2.51	6.36
6	57-6 ⁸⁶³	1.00	96.7	39.00	32.03	41.66	93.62	2.93	7.99
Room E - 7	57-7	1.00	100.3	27.00	38.49	28.89	93.45	3.18	9.69
8	57-8	1.00	101.0	29.00	37.14	31.05	93.41	5.44	11.33
9	57-9	1.00	97.6	30.00	36.51	32.06	93.58	4.69	12.92
10	57-10	1.00	102.5	31.00	35.92	33.21	93.34	5.12	14.56
11	57-11	1.00	102.4	49.00	28.57	52.50	93.34	5.25	16.27
12	57-12	1.00	104.1	58.00	26.26	62.19	93.26	4.05	17.91
13	57-13	1.00	102.5	84.00	21.82	90.00	93.34	3.28	19.53
14	57-14	1.00	89.2	38.00	32.44	40.44	93.97	0.43	21.16
15	57-15	1.00	88.2	40.00	31.62	42.55	94.01	0.43	22.77
16	57-16	1.00	107.6	116.00	18.57	124.63	93.07	2.06	24.41
17	57-17	1.00	103.0	119.00	18.33	127.53	93.31	1.49	26.01
18	57-18	1.00	109.5	104.00	19.61	111.86	92.98	2.27	27.65
19	6-1	1.00	109.9	130.00	17.54	139.85	92.95	1.66	29.36
20	6-2	1.00	108.8	73.00	23.41	78.49	93.01	3.45	31.10
21	6-3	1.00	109.5	137.00	17.09	147.35	92.98	1.90	32.71
22	6-4	1.00	108.1	41.00	31.23	44.06	93.05	6.87	34.34
23	6-5	1.00	88.3	37.00	32.88	39.36	94.01	0.29	36.06
24	6-6	1.00	89.7	30.00	36.51	31.93	93.95	0.40	37.68
25	6-7	1.00	104.7	38.00	32.44	40.76	93.22	3.32	39.29
26	6-8	1.00	104.1	42.00	30.86	45.04	93.26	4.23	41.03
27	6-9	1.00	103.3	56.00	26.73	60.02	93.30	2.76	42.64
28	6-10	1.00	100.9	27.00	38.49	28.90	93.42	4.10	44.38
29	6-11	1.00	104.3	78.00	22.65	83.65	93.25	6.23	45.98
Room E - 30	6-12	1.00	101.1	83.00	21.95	88.86	93.41	2.64	47.62
Room G - 31	6-13	1.00	85.2	19.00	45.88	20.18	94.14	0.52	49.22
32	6-14	1.00	86.0	25.00	40.00	26.57	94.11	0.37	50.85
↓ 33	6-15	1.00	97.9	48.00	28.87	51.30	93.56	2.44	52.46
34	6-16	1.00	99.4	65.00	24.81	69.52	93.49	2.54	54.09
35	6-17	1.00	102.9	42.00	30.86	45.01	93.32	3.01	55.69
36	6-18	1.00	102.5	74.00	23.25	79.28	93.34	2.01	57.33
37	30-1	1.00	103.6	44.00	30.15	47.17	93.28	3.81	59.04
38	30-2	1.00	105.4	40.00	31.62	42.92	93.19	6.19	60.68
39	30-3	1.00	105.3	43.00	30.50	46.14	93.20	5.31	62.28
40	30-4	1.00	108.2	73.00	23.41	78.46	93.04	4.59	63.93
41	30-5	1.00	103.4	26.00	39.22	27.87	93.29	6.77	65.54
Room G - 42	30-6	1.00	100.4	44.00	30.15	47.09	93.44	3.10	67.28

ID: BLDG A

25 MAY 2009 08:58

USER:10

COMMENT:CEILING SWIPES RMS A,B,C,D,E,H,I

PRESET TIME : 1.00

DATA CALC : SL DPM H# :YES SAMPLE REPEATS: 1 PRINTER : STD
 COUNT BLANK : NO IC# : NO REPLICATES : 1 RS232 : OFF
 TWO PHASE : NO AGC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low: 0.010 High:325.27

SAM NO	FOS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
1	57-1	1.00	86.8	27.00	38.49	28.70	94.07	0.49	1.67
2	57-2	1.00	86.6	26.00	39.22	27.64	94.08	0.44	3.28
MISSING SAMPLE									
4	57-4-1	1.00	99.9	41.00	31.23	43.87	93.47	3.03	5.01
5	57-5-2	1.00	98.5	54.00	27.22	57.73	93.54	2.08	6.61
6	57-6-3	1.00	98.0	41.00	31.23	43.82	93.56	2.19	8.24
7	57-7-4	1.00	101.0	28.00	37.80	29.97	93.41	2.75	9.95
8	57-8-5	1.00	101.8	28.00	37.80	29.99	93.37	4.15	11.58
9	57-9-6	1.00	98.4	38.00	32.44	40.62	93.54	3.46	13.19
10	57-10-7	1.00	101.7	41.00	31.23	43.91	93.38	3.29	14.81
11	57-11-8	1.00	102.1	53.00	27.47	56.77	93.36	3.87	16.43
12	57-12-9	1.00	104.0	48.00	28.87	51.47	93.26	4.02	18.07
13	57-13-10	1.00	101.9	60.00	25.82	64.26	93.37	4.28	19.78
14	57-14-11	1.00	89.2	42.00	30.86	44.70	93.97	0.41	21.42
15	57-15-12	1.00	88.5	36.00	33.33	38.30	94.00	0.47	23.02
16	57-16-13	1.00	108.5	117.00	18.49	125.77	93.03	1.99	24.76
17	57-17-14	1.00	103.2	110.00	19.07	117.90	93.30	1.57	26.38
18	57-18-15	1.00	109.1	97.00	20.31	104.31	92.99	2.34	28.01
19	6-1-16	1.00	111.0	114.00	18.73	122.72	92.90	1.66	29.86
20	6-2-17	1.00	109.2	69.00	24.08	74.20	92.99	3.30	31.50
21	6-3-18	1.00	110.2	142.00	16.78	152.79	92.94	1.50	33.12
22	6-4-19	1.00	109.7	61.00	25.61	65.62	92.96	4.18	34.76
23	6-5-20	1.00	88.3	17.00	48.51	18.08	94.01	0.41	36.37
24	6-6-21	1.00	88.8	47.00	29.17	50.01	93.98	0.22	37.99
25	6-7-22	1.00	105.7	50.00	28.28	53.66	93.17	2.26	39.61
26	6-8-23	1.00	104.8	39.00	32.03	41.84	93.22	3.33	41.35
27	6-9-24	1.00	103.8	64.00	25.00	68.62	93.27	2.02	42.96
28	6-10-1	1.00	101.5	24.00	40.82	25.70	93.39	4.23	44.59
29	6-11-2	1.00	104.4	80.00	22.36	85.80	93.24	5.09	46.21
30	6-12-3	1.00	102.3	71.00	23.74	76.06	93.35	2.83	47.95
31	6-13-4	1.00	86.5	24.00	40.82	25.51	94.09	0.48	49.57
32	6-14-5	1.00	86.5	31.00	35.92	32.95	94.09	0.31	51.20
33	6-15-6	1.00	98.3	32.00	35.36	34.21	93.55	3.30	52.81
34	6-16-7	1.00	99.2	41.00	31.23	43.85	93.50	3.24	54.45
35	6-17-8	1.00	103.6	37.00	32.88	39.66	93.28	3.09	56.06
36	6-18-9	1.00	103.4	64.00	25.00	68.60	93.29	2.53	57.80
37	**-1-10	1.00	104.1	39.00	32.03	41.82	93.26	5.65	59.51
38	**-2-11	1.00	100.9	34.00	34.30	36.40	93.42	3.96	61.24
39	**-3-12	1.00	96.8	39.00	32.03	41.66	93.61	4.37	62.87
40	**-4-13	1.00	101.9	81.00	22.22	86.75	93.37	1.90	64.51
41	**-5-14	1.00	100.6	26.00	39.22	27.83	93.43	5.25	66.11
42	**-6-15	1.00	101.9	37.00	32.88	39.63	93.37	7.98	67.85

Room A

Room B

31	32	33	34	35
16	17	18	19	20
1	2	3	4	5

Room Survey Date: 25 July 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

S/N: PR276541

Survey Readings: <100 cpm

38	39	40	41	42
23	24	25	26	27
8	9	10	11	12

Room Survey Date: 25 July 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

S/N: PR276541

Survey Readings: <100 cpm

35	36	37
20	21	22
5	6	7

Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

43	44	45
28	29	30
13	14	15

Room Survey Date: 25 July 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

S/N: PR276541

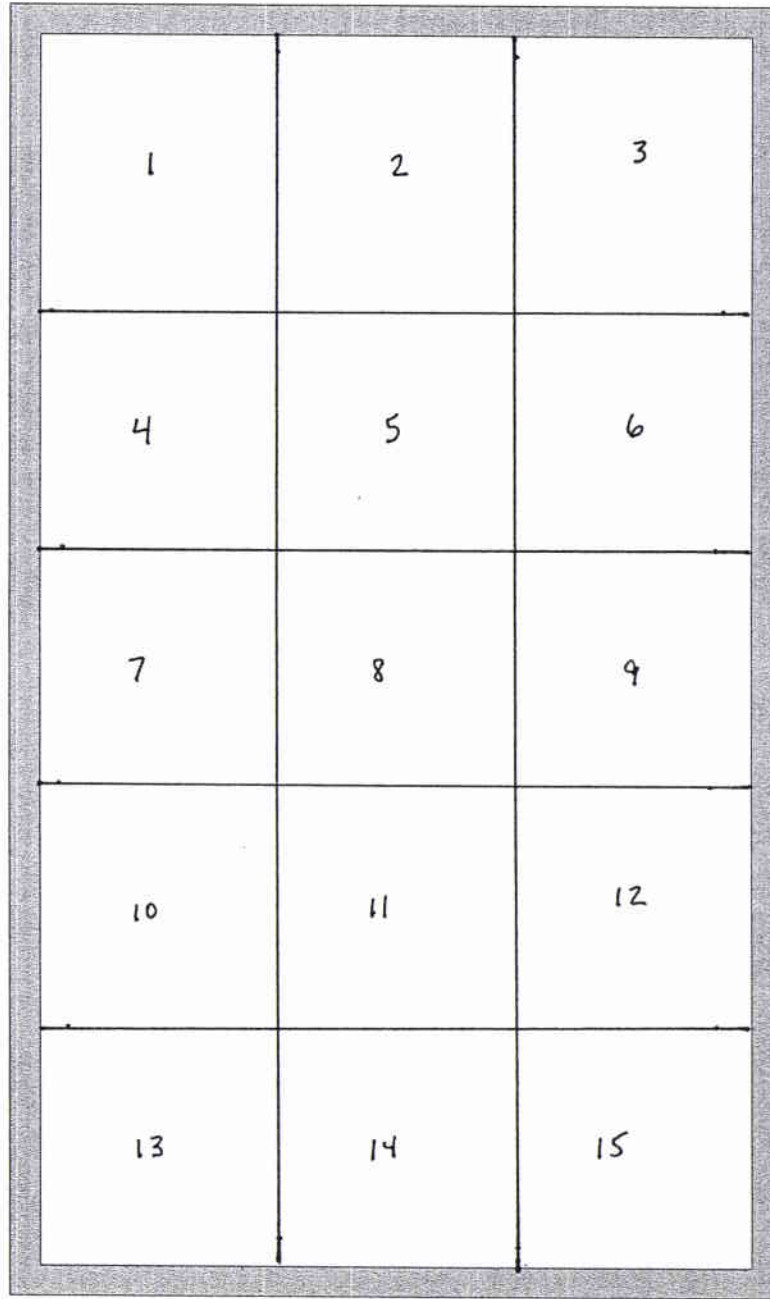
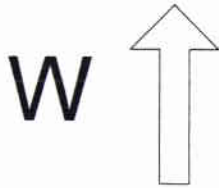
Survey Readings: <100 cpm



46	51	56
47	52	57
48	53	58
49	54	59
50	55	60

Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm



Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

BLDG A ROOM C		ROOM C			
Control	<200 dpm	C41	<200 dpm		
Control	<200 dpm	C42	<200 dpm		
Blank	0 dpm	C43	<200 dpm		
C1	<200 dpm	C44	<200 dpm		
C2	<200 dpm	C45	<200 dpm		
C3	<200 dpm	C46	<200 dpm		
C4	<200 dpm	C47	<200 dpm		
C5	<200 dpm	C48	<200 dpm		
C6	<200 dpm	C49	<200 dpm		
C7	<200 dpm	C50	<200 dpm		
C8	<200 dpm	C51	<200 dpm		
C9	<200 dpm	C52	<200 dpm		
C10	<200 dpm	C53	<200 dpm		
C11	<200 dpm	C54	<200 dpm		
C12	<200 dpm	C55	<200 dpm		
C13	<200 dpm	C56	<200 dpm		
C14	<200 dpm	C57	<200 dpm		
C15	<200 dpm	C58	<200 dpm		
C16	<200 dpm	C59	<200 dpm		
C17	<200 dpm	C60	<200 dpm		
C18	<200 dpm	C61	<200 dpm		
C19	<200 dpm	C62	<200 dpm		
C20	<200 dpm	C63	<200 dpm		
C21	<200 dpm	C64	<200 dpm		
C22	<200 dpm	C65	<200 dpm		
C23	<200 dpm	C66	<200 dpm		
C24	<200 dpm	C67	<200 dpm		
C25	<200 dpm	C68	<200 dpm		
C26	<200 dpm	C69	<200 dpm		
C27	<200 dpm	C70	<200 dpm		
C28	<200 dpm	C71	<200 dpm		
C29	<200 dpm	C72	<200 dpm		
C30	<200 dpm	C73	<200 dpm		
C31	<200 dpm	C74	<200 dpm		
C32	<200 dpm	C75	<200 dpm		
C33	<200 dpm	C76	<200 dpm		
C34	<200 dpm	C77	<200 dpm		
C35	<200 dpm	C78	<200 dpm		
C36	<200 dpm				
C37	<200 dpm				
C38	<200 dpm				
C39	<200 dpm				
C40	<200 dpm				

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
97	**	1.00	125.1	32.00	35.36	8.07	92.60	13.72	162.55
98	**	1.00	114.3	28.00	37.80	3.55	93.21	10.83	164.27
99	**	1.00	112.3	32.00	35.36	7.81	93.32	10.45	165.90
100	**	1.00	117.0	76.00	22.94	55.17	93.07	4.07	167.52
101	**	1.00	114.1	40.00	31.62	16.42	93.22	8.45	169.16
102	**	1.00	113.6	37.00	32.88	13.19	93.25	10.26	170.79
103	**	1.00	115.2	33.00	34.82	8.94	93.16	10.25	172.41
104	**	1.00	121.8	38.00	32.44	14.46	92.80	11.51	174.03
105	**	1.00	114.2	28.00	37.80	3.55	93.22	22.74	175.69
106	**	1.00	111.5	38.00	32.44	14.22	93.36	8.79	177.40
107	**	1.00	122.9	36.00	33.33	12.34	92.73	19.65	179.05
108	**	1.00	119.4	33.00	34.82	9.02	92.93	15.98	180.67
109	**	1.00	113.8	34.00	34.30	9.98	93.24	7.69	182.31
110	**	1.00	121.3	36.00	33.33	12.30	92.83	15.80	183.93
111	**	1.00	123.1	28.00	37.80	3.71	92.72	16.65	185.57
112	**	1.00	127.6	38.00	32.44	14.62	92.45	11.51	187.19
113	**	1.00	124.2	36.00	33.33	12.37	92.66	10.69	188.84
114	**	1.00	110.2	36.00	33.33	12.05	93.42	16.03	190.46
115	**	1.00	120.0	28.00	37.80	3.65	92.90	15.22	192.10
116	**	1.00	114.3	35.00	33.81	11.06	93.21	12.48	193.71
117	**	1.00	109.8	33.00	34.82	8.83	93.45	9.98	195.47
118	**	1.00	104.8	28.00	37.80	3.40	93.69	8.49	197.18
119	**	1.00	112.3	32.00	35.36	7.81	93.32	17.12	198.82
120	**	1.00	110.6	37.00	32.88	13.13	93.40	17.04	200.44
121	**	1.00	122.8	37.00	32.88	13.41	92.74	11.29	202.09
122	**	1.00	122.4	37.00	32.88	13.40	92.76	11.72	203.72
123	**	1.00	119.8	30.00	36.51	5.80	92.91	12.82	205.35
124	16-1	1.00	118.3	23.00	41.70	-1.75	93.00	18.72	207.07
125	16-2	1.00	117.6	27.00	38.49	2.54	93.03	12.24	208.82
126	16-3	1.00	166.4	61.00	25.61	41.71	89.44	58.05	210.46
127	16-4	1.00	151.9	27.00	38.49	3.28	90.72	46.07	212.12
128	16-5	1.00	131.8	34.00	34.30	10.40	92.19	12.16	213.73
129	16-6	1.00	114.0	24.00	40.82	-0.74	93.23	9.95	215.38
130	16-7	1.00	122.7	30.00	36.51	5.86	92.75	23.28	217.01
131	16-8	1.00	117.9	26.00	33.33	12.22	93.02	13.75	218.65
132	16-9	1.00	127.3	26.00	39.22	1.63	92.47	24.15	220.27
133	16-10	1.00	117.3	32.00	35.36	7.90	93.05	10.72	221.91
134	16-11	1.00	118.6	39.00	32.03	13.46	92.98	17.53	223.54
135	16-12	1.00	115.8	60.00	25.82	37.24	93.13	14.19	225.19
136	16-13	1.00	111.8	35.00	33.81	11.06	93.34	8.11	226.80
137	16-14	1.00	107.3	24.00	40.82	-0.84	93.57	11.81	228.45
138	16-15	1.00	111.3	33.00	34.82	8.86	93.37	8.06	230.06
139	16-16	1.00	111.1	33.00	34.82	8.86	93.38	7.50	231.69
140	16-17	1.00	114.6	20.00	44.72	-5.03	93.17	9.50	233.31
141	16-18	1.00	114.4	35.00	33.81	11.07	93.21	7.75	234.95
142	38-1	1.00	105.9	27.00	38.49	2.35	93.63	10.20	236.66
143	38-2	1.00	111.3	37.00	32.88	13.14	93.37	12.46	238.30
144	38-3	1.00	108.8	32.00	35.36	7.74	93.50	6.84	239.91
145	38-4	1.00	113.2	24.00	40.82	-0.75	93.27	8.31	241.54
146	38-5	1.00	106.7	30.00	36.51	5.57	93.60	5.99	243.16
147	38-6	1.00	105.3	28.00	37.80	3.41	93.66	7.26	244.90
148	38-7	1.00	117.2	31.00	35.92	6.83	93.06	20.89	246.52
149	38-8	1.00	109.3	27.00	38.49	2.40	93.47	16.71	248.06
150	38-9	1.00	111.4	21.00	43.64	-3.99	93.36	12.06	249.78
151	38-10 c1	1.00	115.7	34.00	34.30	10.02	93.14	10.40	251.52
152	38-11 c2	1.00	116.4	31.00	35.92	6.81	93.10	17.14	253.13
153	38-12 c3	1.00	112.4	18.00	47.14	-7.20	93.31	10.75	254.76
154	38-13 c4	1.00	117.3	32.00	35.36	7.90	93.98	17.55	---

oom
C
↓

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
155	38-14	c5 1.00	124.5	27.00	38.49	2.66	92.64	9.56	258.03
156	38-15	c6 1.00	129.7	25.00	40.00	0.59	92.32	10.43	259.65
157	38-16	c7 1.00	124.6	25.00	40.00	0.50	92.63	9.56	261.28
158	38-17	c8 1.00	130.5	42.00	30.86	19.03	92.27	22.63	263.02
159	38-18	c9 1.00	142.2	32.00	35.36	8.50	91.47	20.09	264.67
160	21-1	c10 1.00	124.9	22.00	42.64	-2.73	92.61	13.76	266.38
161	21-2	c11 1.00	118.1	28.00	37.80	3.62	93.00	27.16	268.04
162	21-3	c12 1.00	117.3	34.00	34.30	10.05	93.05	16.87	269.65
163	21-4	c13 1.00	120.0	34.00	34.30	10.11	92.90	13.70	271.30
164	21-5	c14 1.00	120.3	28.00	37.80	3.66	92.88	18.27	272.92
165	21-6	c15 1.00	124.8	31.00	35.92	6.98	92.62	18.71	274.56
166	21-7	c16 1.00	121.0	31.00	35.92	6.90	92.84	16.13	276.18
167	21-8	c17 1.00	113.7	25.00	40.00	0.33	93.24	13.22	277.81
168	21-9	c18 1.00	122.6	24.00	40.82	-0.61	92.75	13.15	279.43
169	21-10	c19 1.00	117.6	32.00	35.36	7.91	93.03	9.41	281.06
170	21-11	c20 1.00	125.5	30.00	36.51	5.92	92.58	8.40	282.68
171	21-12	c21 1.00	134.2	24.00	40.82	-0.41	92.03	12.67	284.32
172	21-13	c22 1.00	130.8	24.00	40.82	-0.47	92.25	13.90	285.96
173	21-14	c23 1.00	132.4	33.00	34.82	9.33	92.15	17.62	287.60
174	21-15	c24 1.00	137.4	27.00	38.49	2.92	91.81	20.73	289.22
175	21-16	c25 1.00	131.5	28.00	37.80	3.88	92.21	12.76	290.84
176	21-17	c26 1.00	121.8	33.00	34.82	9.07	92.80	10.45	292.47
177	21-18	c27 1.00	111.1	22.00	42.64	-2.93	93.38	14.47	294.22

ID: BLDG

RM

A

14 MAY 2009 19:47

ER:17

COMMENT: BLDG A RM C Swipes

RESET TIME : 1.00
 DATA CALC : SL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : STI
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 TWO PHASE : NO AGC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low:-0.313 High:326.03

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
Room B1	25-1-28	1.00	116.3	29.00	37.14	31.15	93.11	16.03	1.41
C B2	25-2-29	1.00	123.0	28.00	37.80	30.20	92.73	14.36	3.05
↓ B3	25-3-30	1.00	117.0	30.00	36.51	32.23	93.07	13.84	4.67
B4	25-4-31	1.00	112.1	31.00	35.92	33.22	93.33	12.63	6.30
B5	25-5-32	1.00	108.9	31.00	35.92	33.16	93.49	20.93	7.91
B6	25-6-33	1.00	116.9	26.00	39.22	27.93	93.07	13.30	9.65
B7	25-7-34	1.00	122.1	28.00	37.80	30.18	92.78	10.81	11.27
B8	25-8-35	1.00	117.9	23.00	41.70	24.73	93.02	10.02	12.90
	25-9-36	1.00	117.8	34.00	34.30	36.55	93.02	9.01	14.51
	25-10-37	1.00	121.1	31.00	35.92	33.39	92.84	14.34	16.15
B11	25-11-38	1.00	119.8	36.00	33.33	38.75	92.91	11.95	17.76
B12	25-12-39	1.00	129.6	33.00	34.82	35.74	92.32	7.63	19.42
B13	25-13-40	1.00	122.2	36.00	33.33	38.80	92.78	8.66	21.03
B14	25-14-41	1.00	127.2	29.00	37.14	31.36	92.48	9.32	22.66
B15	25-15-42	1.00	140.1	27.00	38.49	29.47	91.62	40.57	24.29
B16	25-16-43	1.00	120.7	48.00	28.87	51.69	92.86	15.65	25.94
B17	25-17-44	1.00	118.4	36.00	33.33	38.71	92.99	10.17	27.55
B18	25-18-45	1.00	115.5	55.00	26.97	59.04	93.15	11.92	29.21
B19	**-1-46	1.00	119.7	38.00	32.44	40.90	92.92	16.09	30.94
B20	**-2-47	1.00	119.3	38.00	32.44	40.89	92.94	18.27	32.58
B21	**-3-48	1.00	108.9	22.00	42.64	23.53	93.49	17.53	34.30
B22	**-4-49	1.00	136.2	50.00	28.28	54.41	91.89	24.84	35.94
B23	**-5-50	1.00	130.6	33.00	34.82	35.77	92.26	18.54	37.57
B24	**-6-51	1.00	133.9	43.00	30.50	46.72	92.05	22.92	39.21
B25	**-7-52	1.00	120.8	86.00	21.57	92.62	92.85	9.25	40.84
B26	**-8-53	1.00	130.4	51.00	28.01	55.27	92.27	32.82	42.50
B27	**-9-54	1.00	122.8	31.00	35.92	33.43	92.74	23.32	44.13
B28	**-10-55	1.00	135.6	58.00	26.26	63.09	91.93	27.51	45.78
B29	**-11-56	1.00	125.0	37.00	32.88	39.95	92.61	22.66	47.41
B30	**-12-57	1.00	132.1	39.00	32.03	42.32	92.16	14.03	49.06
B31	**-13-58	1.00	134.7	49.00	28.57	53.26	91.99	25.81	50.68
B32	**-14-59	1.00	122.5	59.00	26.04	63.61	92.76	12.97	52.33
B33	**-15-60	1.00	127.2	24.00	40.82	25.95	92.47	14.67	53.94
74	**-16-61	1.00	149.8	38.00	32.44	41.81	90.89	38.80	55.60
	**-17-62	1.00	134.5	32.00	35.36	34.78	92.01	20.26	57.22
6	**-18-63	1.00	161.2	35.00	33.81	38.92	89.92	23.71	58.98

Ceiling Swipes

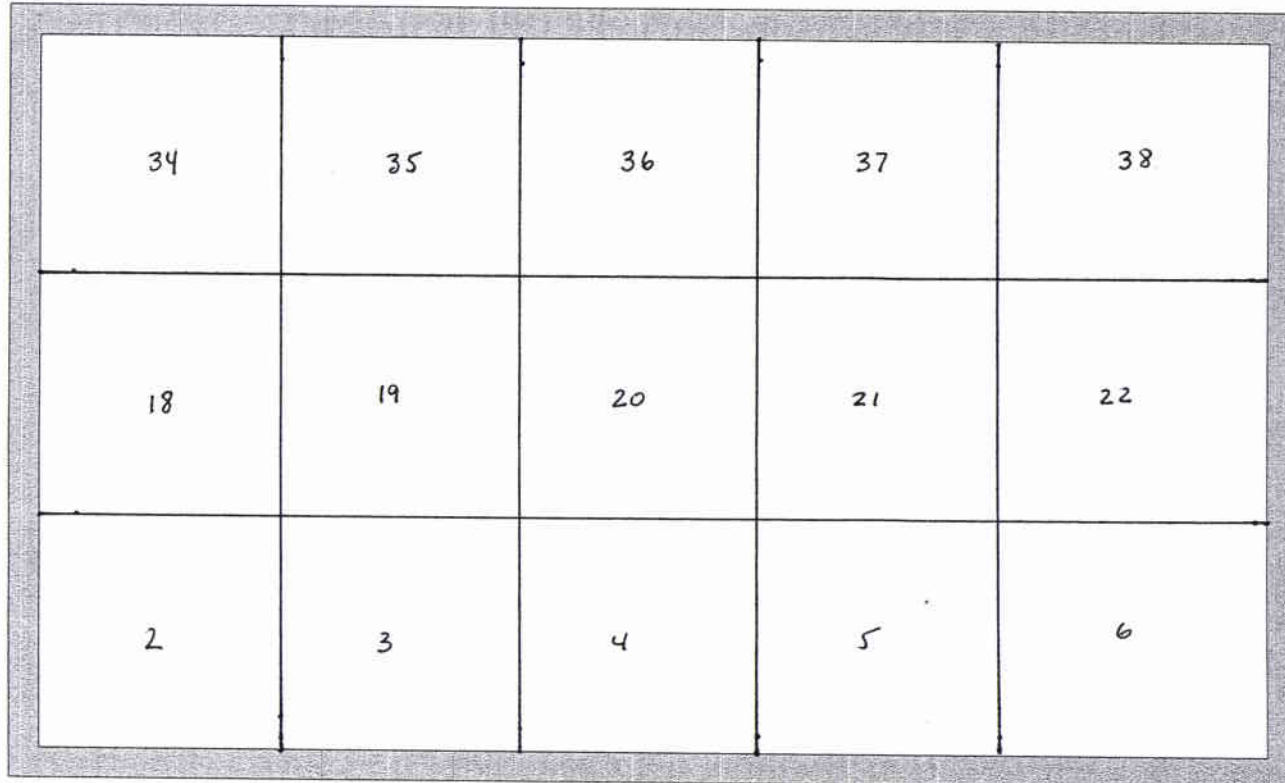
SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
43	** -7 -1	1.00	99.0	35.00	33.81	37.43	93.51	3.46	69.47
44	** -8 -2	1.00	100.3	39.00	32.03	41.74	93.44	3.25	71.11
45	** -9 -3	1.00	100.5	32.00	35.36	34.25	93.44	3.48	72.71
46	** -10 -4	1.00	97.3	47.00	29.17	50.22	93.59	2.71	74.34
47	** -11 -5	1.00	102.4	45.00	29.81	48.21	93.34	3.87	75.96
48	** -12 -6	1.00	106.1	110.00	19.07	118.08	93.15	1.74	77.60
49	** -13 -7	1.00	120.4	42.00	30.86	45.47	92.36	10.46	79.21
50	** -14 -8	1.00	112.2	88.00	21.32	94.80	92.83	2.82	80.86
51	** -15 -9	1.00	111.4	53.00	27.47	57.07	92.87	4.90	82.58
52	** -16 -10	1.00	115.2	44.00	30.15	47.49	92.66	9.12	84.32
53	** -17 -11	1.00	109.4	74.00	23.25	79.59	92.98	3.00	85.94
54	** -18 -12	1.00	90.0	33.00	34.82	35.13	93.93	0.95	87.57
55	38-1-13	1.00	133.3	71.00	23.74	77.57	91.53	8.26	89.30
56	38-2-14	1.00	118.0	44.00	30.15	47.57	92.50	3.53	90.93
57	38-3-15	1.00	139.5	44.00	30.15	48.30	91.09	4.69	92.54
58	38-4-1	1.00	108.8	117.00	18.49	125.79	93.01	1.25	94.17
59	38-5-2	1.00	110.3	85.00	21.69	91.47	92.93	1.95	95.80
60	38-6-3	1.00	114.0	31.00	35.92	33.43	92.73	2.72	97.43
61	38-7-4	1.00	114.3	61.00	25.61	65.80	92.71	1.48	99.04
62	38-8-5	1.00	118.7	43.00	30.50	46.51	92.46	4.02	100.68
63	38-9-6	1.00	112.0	77.00	22.79	82.94	92.84	2.41	102.28
64	38-10-7	1.00	123.7	57.00	26.49	61.85	92.16	1.24	103.91
65	38-11-8	1.00	127.6	71.00	23.74	77.25	91.91	2.63	105.52
66	38-12-9	1.00	120.1	63.00	25.20	68.20	92.38	3.23	107.16
67	38-13-10	1.00	116.6	59.00	26.04	63.73	92.58	2.52	108.76
68	38-14-11	1.00	116.5	68.00	24.25	73.44	92.59	2.38	110.51
69	38-15-12	1.00	112.2	56.00	26.73	60.33	92.83	2.17	112.11
70	38-16-13	1.00	118.2	38.00	32.44	41.09	92.49	4.69	113.75
71	38-17-14	1.00	118.4	45.00	29.81	48.66	92.47	4.83	115.46
72	38-18-15	1.00	123.4	57.00	26.49	61.84	92.17	4.54	117.11
73	31-1-16	1.00	112.0	142.00	16.78	152.95	92.84	1.65	118.83
74	31-2-17	1.00	121.4	67.00	24.43	72.59	92.30	1.73	120.56
75	31-3-18	1.00	117.4	46.00	29.49	49.71	92.53	2.97	122.18
76	31-4-19	1.00	112.3	56.00	26.73	60.33	92.82	2.51	123.82
77	31-5-20	1.00	124.2	46.00	29.49	49.93	92.12	2.74	125.43
78	31-6-21	1.00	118.4	52.00	27.74	56.23	92.47	4.18	127.06
79	31-7-22	1.00	114.2	47.00	29.17	50.69	92.72	1.89	128.67
80	31-8-23	1.00	107.7	51.00	28.01	54.80	93.07	1.62	130.41
81	31-9-24	1.00	110.2	59.00	26.04	63.48	92.94	1.54	132.01
82	31-10-25	1.00	111.7	61.00	25.61	65.69	92.86	2.62	133.64
83	31-11-26	1.00	106.1	41.00	31.23	44.01	93.16	2.03	135.26
84	31-12-27	1.00	112.0	58.00	26.26	62.47	92.84	2.44	136.89
85	31-13-28	1.00	115.5	71.00	23.74	76.64	92.64	1.45	138.60
86	31-14-29	1.00	110.2	112.00	18.90	120.51	92.94	1.26	140.24
87	31-15-30	1.00	110.9	42.00	30.86	45.21	92.90	2.80	141.86
88	31-16-31	1.00	116.1	38.00	32.44	41.03	92.61	5.81	143.49
89	31-17-32	1.00	108.2	45.00	29.81	48.36	93.04	2.29	145.19
90	31-18-33	1.00	111.4	36.00	33.33	38.76	92.87	3.08	146.82
91	29-1-34	1.00	111.4	29.00	37.14	31.23	92.87	6.63	148.54
92	29-2-35	1.00	117.4	59.00	26.04	63.76	92.54	4.41	150.18
93	29-3-1	1.00	118.6	41.00	31.23	44.34	92.46	7.35	151.79
94	29-4-2	1.00	113.8	47.00	29.17	50.68	92.74	4.05	153.44
95	29-5-3	1.00	111.0	40.00	31.62	43.06	92.90	3.37	155.06
96	29-6-4	1.00	129.3	38.00	32.44	41.40	91.80	8.50	156.70
97	29-7-5	1.00	122.5	63.00	25.20	68.31	92.23	6.27	158.31
98	29-8-6	1.00	112.7	54.00	27.22	58.19	92.80	3.92	159.94
99	29-9-7	1.00	123.5	46.00	29.49	49.91	92.17	9.19	161.57
100	29-10-8	1.00	108.9	47.00	29.17	50.53	93.01	4.46	163.21

Room A

Room C

Room D

Room E



East
→

Room Survey Date: 25 July 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

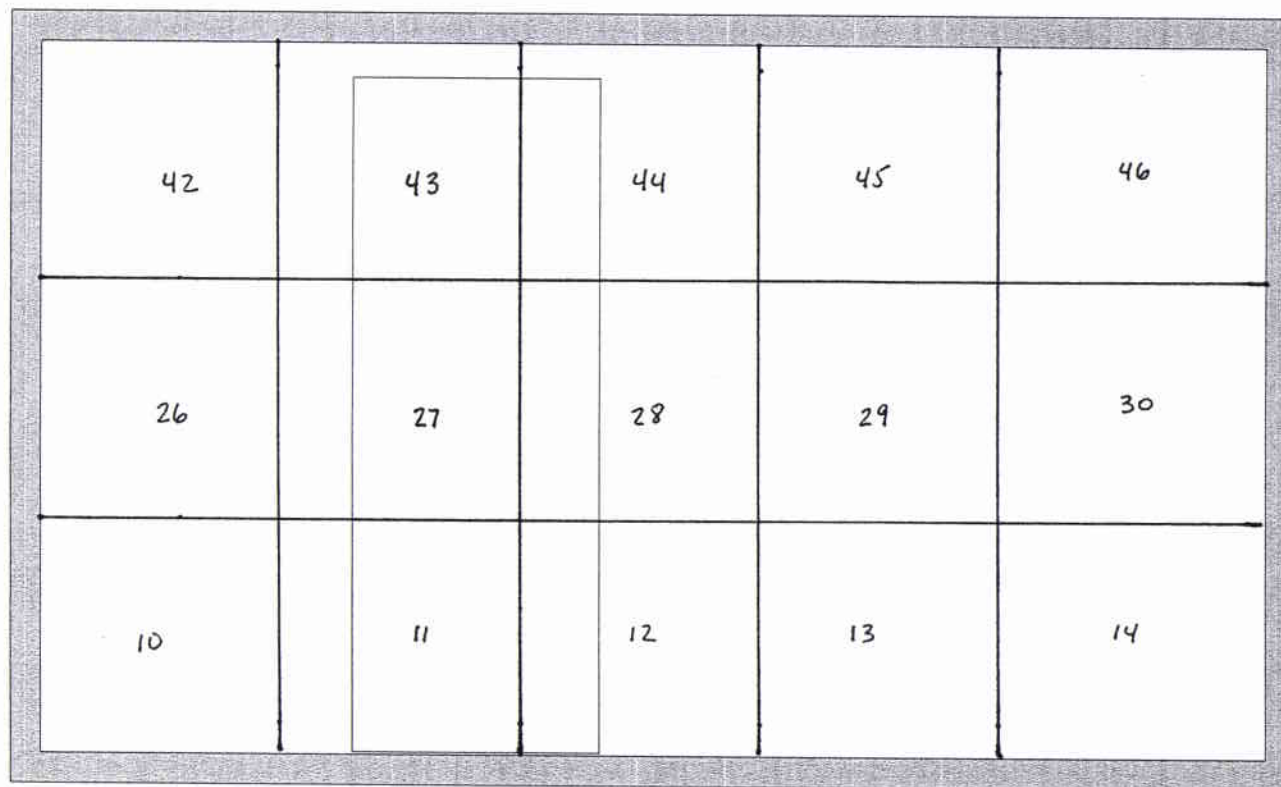
S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

S/N: PR276541

Survey Readings: <100 cpm



West
→

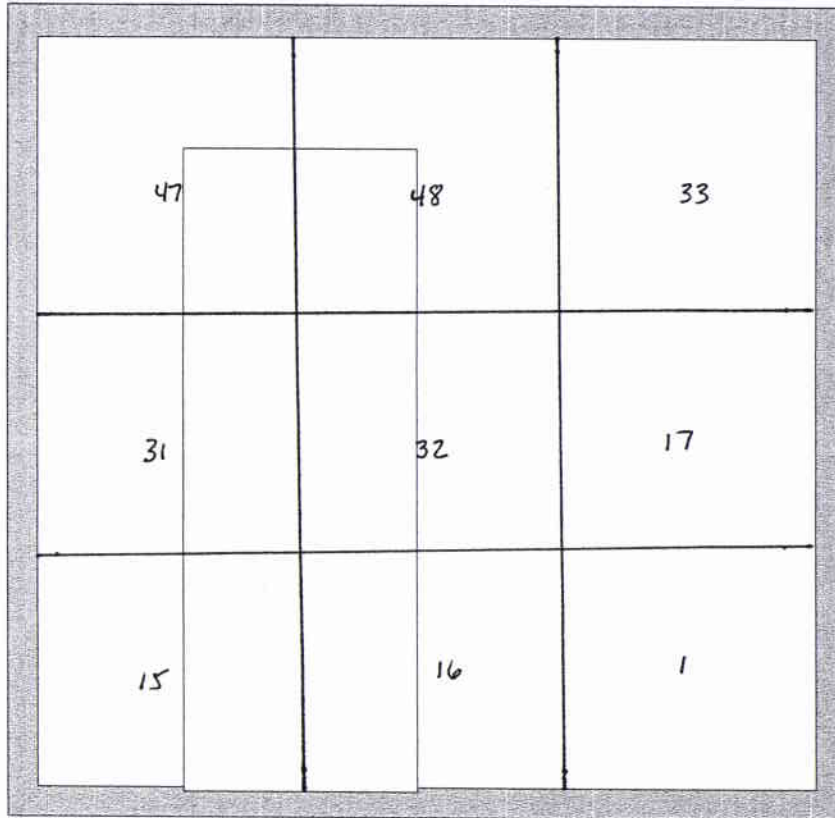
Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

39	40	41
23	24	25
7	8	9

Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm



Room Survey Date: 25 July 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

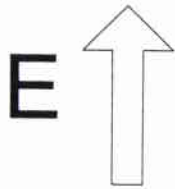
S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

S/N: PR276541

Survey Readings: <100 cpm

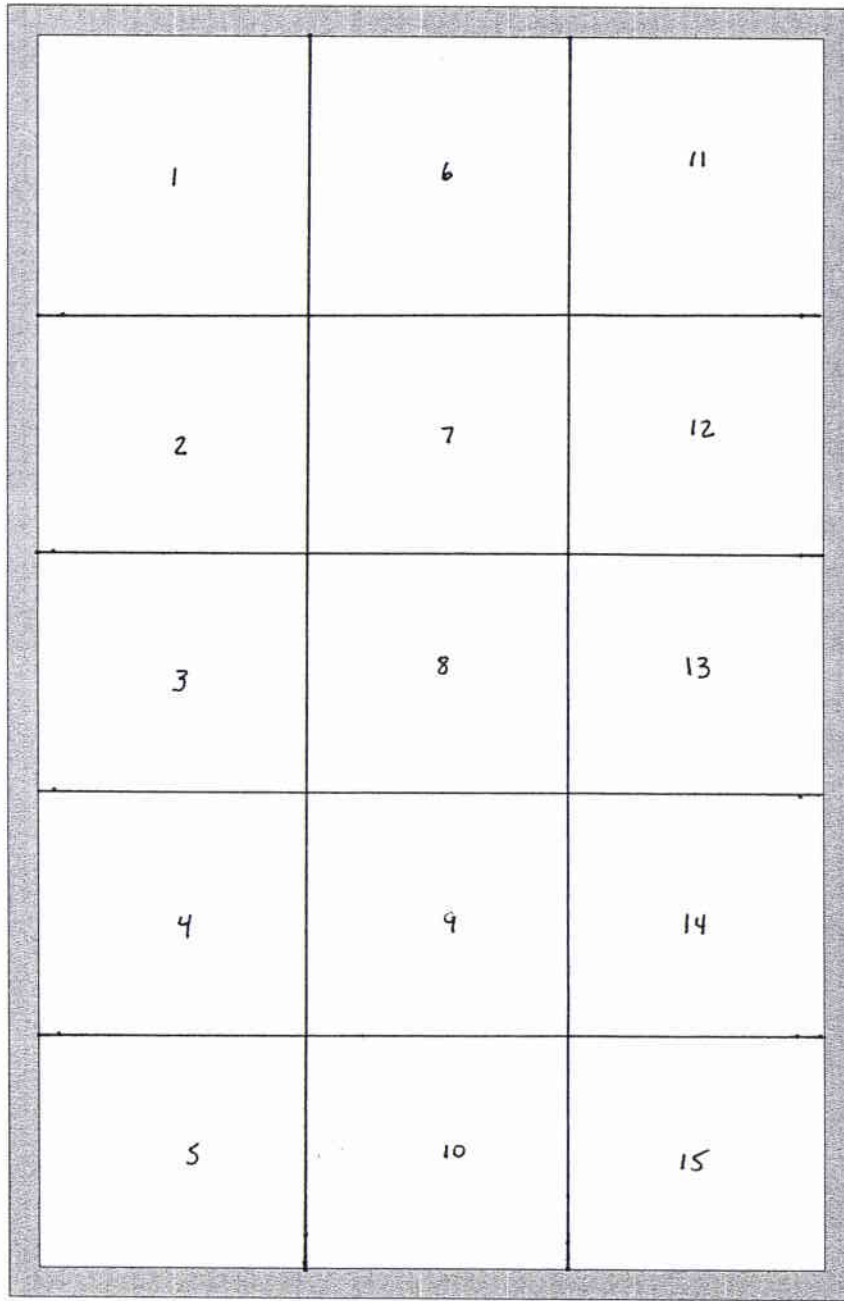
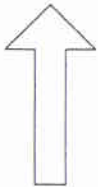


61	62	63
58	59	60
55	56	57
52	53	54
49	50	51

Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

W



Room Survey Date: 25 July 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

S/N: PR276541

Survey Readings: <100 cpm

BLDG A ROOM D		ROOM D					
Control	<200 dpm	D41	<200 dpm	D84	<200 dpm	D127	<200 dpm
Control	<200 dpm	D42	<200 dpm	D85	<200 dpm	D128	<200 dpm
Blank	0 dpm	D43	<200 dpm	D86	<200 dpm	D129	<200 dpm
D1	<200 dpm	D44	<200 dpm	D87	<200 dpm	D130	<200 dpm
D2	<200 dpm	D45	<200 dpm	D88	<200 dpm	D131	<200 dpm
D3	<200 dpm	D46	<200 dpm	D89	<200 dpm	D132	<200 dpm
D4	<200 dpm	D47	<200 dpm	D90	<200 dpm	D133	<200 dpm
D5	<200 dpm	D48	<200 dpm	D91	<200 dpm	D134	<200 dpm
D6	<200 dpm	D49	<200 dpm	D92	<200 dpm	D135	<200 dpm
D7	<200 dpm	D50	<200 dpm	D93	<200 dpm	D136	<200 dpm
D8	<200 dpm	D51	<200 dpm	D94	<200 dpm	D137	<200 dpm
D9	<200 dpm	D52	<200 dpm	D95	<200 dpm	D138	<200 dpm
D10	<200 dpm	D53	<200 dpm	D96	<200 dpm	D139	<200 dpm
D11	<200 dpm	D54	<200 dpm	D97	<200 dpm	D140	<200 dpm
D12	<200 dpm	D55	<200 dpm	D98	<200 dpm	D141	<200 dpm
D13	<200 dpm	D56	<200 dpm	D99	<200 dpm	D142	<200 dpm
D14	<200 dpm	D57	<200 dpm	D100	<200 dpm		
D15	<200 dpm	D58	<200 dpm	D101	<200 dpm		
D16	<200 dpm	D59	<200 dpm	D102	<200 dpm		
D17	<200 dpm	D60	<200 dpm	D103	<200 dpm		
D18	<200 dpm	D61	<200 dpm	D104	<200 dpm		
D19	<200 dpm	D62	<200 dpm	D105	<200 dpm		
D20	<200 dpm	D63	<200 dpm	D106	<200 dpm		
D21	<200 dpm	D64	<200 dpm	D107	<200 dpm		
D22	<200 dpm	D65	<200 dpm	D108	<200 dpm		
D23	<200 dpm	D66	<200 dpm	D109	<200 dpm		
D24	<200 dpm	D67	<200 dpm	D110	<200 dpm		
D25	<200 dpm	D68	<200 dpm	D111	<200 dpm		
D26	<200 dpm	D69	<200 dpm	D112	<200 dpm		
D27	<200 dpm	D70	<200 dpm	D113	<200 dpm		
D28	<200 dpm	D71	<200 dpm	D114	<200 dpm		
D29	<200 dpm	D72	<200 dpm	D115	<200 dpm		
D30	<200 dpm	D73	<200 dpm	D116	<200 dpm		
D31	<200 dpm	D74	<200 dpm	D117	<200 dpm		
D32	<200 dpm	D75	<200 dpm	D118	<200 dpm		
D33	<200 dpm	D76	<200 dpm	D119	<200 dpm		
D34	<200 dpm	D77	<200 dpm	D120	<200 dpm		
D35	<200 dpm	D78	<200 dpm	D121	<200 dpm		
D36	<200 dpm	D79	<200 dpm	D122	<200 dpm		
D37	<200 dpm	D80	<200 dpm	D123	<200 dpm		
D38	<200 dpm	D81	<200 dpm	D124	<200 dpm		
D39	<200 dpm	D82	<200 dpm	D125	<200 dpm		
D40	<200 dpm	D83	<200 dpm	D126	<200 dpm		

ID :

Room DEE

18 MAY 2009 05:53

USER:18

COMMENT:

PRESET TIME : 1.00
 DATA CALC : SL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : STD
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 TWO PHASE : NO AGC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low:-0.313 High:326.03

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
B1	47-1	1.00	86.9	26.00	39.22	27.53	94.46	0.80	1.51
B2	47-2	1.00	86.5	30.00	36.51	31.76	94.47	0.67	3.10
Blank Average				DPM for	14C :	29.64 COEF. OF VAR:		10.092	

Zoom

D	1	47-4	1.00	109.4	25.00	40.00	-2.89	93.46	10.41	4.75	
D	2	47-5	1.00	120.8	29.00	37.14	1.59	92.86	10.17	6.37	
↓	D	3	47-6	1.00	110.0	33.00	34.82	5.68	93.43	10.31	8.00
D	4	47-7	1.00	103.3	14.00	53.45	-14.71	93.76	11.60	9.62	
D	5	47-8	1.00	113.6	32.00	35.36	4.68	93.25	10.07	11.25	
D	6	47-9	1.00	112.0	30.00	36.51	2.50	93.33	17.92	12.97	
D	7	47-10	1.00	110.2	40.00	31.62	13.18	93.42	4.58	14.61	
D	8	47-11	1.00	114.6	16.00	50.00	-12.47	93.20	28.59	16.22	
D	9	47-12	1.00	108.7	25.00	40.00	-2.90	93.50	7.28	17.87	
D	10	47-13	1.00	117.1	39.00	32.03	12.27	93.06	12.57	19.48	
D	11	47-14	1.00	119.0	19.00	45.88	-9.20	92.96	12.29	21.24	
D	12	47-15	1.00	126.2	27.00	38.49	-0.46	92.54	18.14	22.85	
D	13	47-16	1.00	110.2	31.00	35.92	3.54	93.43	10.26	24.48	
D	14	47-17	1.00	115.6	22.00	42.64	-6.02	93.14	12.68	26.10	
D	15	47-18	1.00	123.2	37.00	32.88	10.27	92.72	10.88	27.76	
D	16	21-1	1.00	113.5	27.00	38.49	-0.69	93.25	11.46	29.46	
D	17	21-2	1.00	110.1	16.00	50.00	-12.51	93.43	18.06	31.11	
D	18	21-3	1.00	116.2	34.00	34.30	6.88	93.11	9.12	32.73	
D	19	21-4	1.00	114.5	26.00	39.22	-1.74	93.20	18.54	34.37	
D	20	21-5	1.00	110.9	37.00	32.88	9.98	93.39	9.45	35.98	
D	21	21-6	1.00	117.7	24.00	40.82	-3.84	93.03	7.70	37.63	
D	22	21-7	1.00	113.2	17.00	48.51	-11.41	93.27	16.91	39.25	
D	23	21-8	1.00	113.5	26.00	39.22	-1.76	93.26	10.62	40.90	
D	24	21-9	1.00	110.3	34.00	34.30	6.75	93.42	7.59	42.51	
D	25	21-10	1.00	116.3	24.00	40.82	-3.86	93.11	19.03	44.15	
D	26	21-11	1.00	115.9	24.00	40.82	-3.87	93.13	13.74	45.79	
D	27	21-12	1.00	106.7	27.00	38.49	-0.79	93.60	7.85	47.42	
D	28	21-13	1.00	102.1	28.00	37.80	0.21	93.81	6.65	49.03	
D	29	21-14	1.00	114.2	28.00	37.80	0.40	93.22	8.17	50.68	
D	30	21-15	1.00	119.9	22.00	42.64	-5.96	92.91	7.80	52.28	
D	31	21-16	1.00	117.6	26.00	39.22	-1.69	93.03	8.72	53.91	
D	32	21-17	1.00	124.1	41.00	31.23	14.61	92.66	9.14	55.53	
D	33	21-18	1.00	128.8	30.00	36.51	2.83	92.38	26.35	57.17	
D	34	5-1	1.00	116.7	26.00	39.22	-1.71	93.08	16.74	58.90	
D	35	5-2	1.00	121.6	26.00	39.22	-1.63	92.81	18.36	60.53	
D	36	5-3	1.00	120.5	20.00	44.72	-8.11	92.87	15.56	62.15	
↑	D	37	5-4	1.00	120.1	27.00	38.49	-0.57	92.89	18.10	63.80
cmd	D	38	5-5	1.00	115.0	34.00	34.30	4.85	93.18	9.12	45.41

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
Room 39	5-6	1.00	134.8	69.00	24.08	45.37	91.99	64.43	67.10
40	5-7	1.00	118.6	31.00	35.92	3.70	92.98	8.01	68.71
41	5-8	1.00	110.2	26.00	39.22	-1.81	93.43	6.96	70.35
42	5-9	1.00	115.4	28.00	37.80	0.42	93.15	10.52	71.97
Room D 43	5-10	1.00	116.9	35.00	33.81	7.97	93.07	17.46	73.60
44	5-11	1.00	112.1	33.00	34.82	5.72	93.33	9.49	75.21
45	5-12	1.00	107.4	24.00	40.82	-3.99	93.56	7.55	76.86
46	5-13	1.00	101.9	20.00	44.72	-8.32	93.82	14.08	78.47
47	5-14	1.00	105.0	20.00	44.72	-8.29	93.68	5.86	80.11
48	5-15	1.00	111.4	31.00	35.92	3.56	93.36	7.72	81.71
49	5-16	1.00	130.4	34.00	34.30	7.20	92.28	25.63	83.48
50	5-17	1.00	122.4	22.00	42.64	-5.92	92.76	19.04	85.11
51	5-18	1.00	123.6	63.00	25.20	38.33	92.69	31.40	86.77
52	16-1	1.00	111.0	20.00	44.72	-8.22	93.38	11.00	88.48
53	16-2	1.00	121.0	26.00	39.22	-1.64	92.84	9.11	90.11
54	16-3	1.00	138.2	41.00	31.23	15.04	91.75	8.91	91.84
55	16-4	1.00	128.8	28.00	37.80	0.67	92.38	17.53	93.49
56	16-5	1.00	131.0	27.00	38.49	-0.37	92.24	23.45	95.12
57	16-6	1.00	136.4	35.00	33.81	8.45	91.88	29.08	96.76
58	16-7	1.00	119.4	52.00	27.74	26.31	92.93	17.84	98.50
59	16-8	1.00	135.1	51.00	28.01	25.82	91.96	36.66	100.25
60	16-9	1.00	145.6	57.00	26.49	32.85	91.21	51.81	102.01
61	16-10	1.00	139.2	64.00	25.00	40.17	91.68	33.36	103.77
62	16-11	1.00	136.4	40.00	31.62	13.89	91.88	27.53	105.41
63	16-12	1.00	129.7	62.00	25.40	37.52	92.32	37.09	107.08
64	16-13	1.00	125.4	50.00	28.28	24.36	92.58	42.84	108.70
65	16-14	1.00	111.1	32.00	35.36	4.63	93.38	7.57	110.35
66	16-15	1.00	116.3	40.00	31.62	13.32	93.11	11.27	111.97
67	16-16	1.00	128.4	46.00	29.49	20.14	92.40	36.23	113.63
68	16-17	1.00	123.8	44.00	30.15	17.83	92.68	30.77	115.24
69	16-18	1.00	142.5	42.00	30.86	16.29	91.45	21.93	116.89
70	57-1	1.00	111.2	25.00	40.00	-2.87	93.37	25.67	118.63
71	57-2	1.00	116.8	27.00	38.49	-0.63	93.08	14.22	120.27
72	57-3	1.00	128.1	39.00	32.03	12.56	92.42	11.80	121.89
73	57-4	1.00	136.6	37.00	32.88	10.64	91.86	21.43	123.52
74	57-5	1.00	137.3	42.00	30.86	16.10	91.82	30.57	125.16
75	57-6	1.00	132.1	32.00	35.36	5.08	92.16	21.21	126.91
76	57-7	1.00	120.6	31.00	35.92	3.74	92.87	15.24	128.51
77	57-8	1.00	134.7	48.00	28.87	22.53	92.00	39.74	130.18
78	57-9	1.00	125.5	24.00	40.82	-3.72	92.58	50.39	131.81
79	57-10	1.00	147.3	69.00	24.08	46.12	91.08	71.93	133.59
80	57-11	1.00	123.7	42.00	30.86	15.67	92.69	23.65	135.21
81	57-12	1.00	125.8	54.00	27.22	28.70	92.56	31.91	136.97
82	57-13	1.00	135.8	77.00	22.79	54.13	91.92	61.48	138.72
83	57-14	1.00	127.6	49.00	28.57	23.36	92.45	47.66	140.48
84	57-15	1.00	138.9	103.00	19.71	82.67	91.71	49.31	142.14
85	57-16	1.00	131.8	72.00	23.57	48.46	92.18	49.49	143.81
86	57-17	1.00	139.9	63.00	25.20	39.11	91.63	61.01	145.46
87	57-18	1.00	135.8	73.00	23.41	49.77	91.92	45.30	147.12
88	25-1	1.00	129.2	54.00	27.22	28.83	92.35	51.99	148.87
89	25-2	1.00	124.6	61.00	25.61	36.21	92.63	42.80	150.54
90	25-3	1.00	132.2	57.00	26.49	32.21	92.16	57.57	152.18
91	25-4	1.00	130.2	43.00	30.50	16.95	92.29	42.88	153.83
92	25-5	1.00	156.3	153.00	16.17	139.70	90.35	67.80	155.51
93	25-6	1.00	141.8	110.00	19.07	90.58	91.50	65.64	157.19
94	25-7	1.00	138.6	66.00	24.62	42.31	91.72	56.87	158.83
95	25-8	1.00	143.4	89.00	21.20	67.76	91.38	69.82	160.50
96	25-9	1.00	139.2	100.00	20.00	79.43	91.69	73.85	162.17

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
D 97	25-10	1.00	141.0	137.00	17.09	120.00	91.55	64.24	163.97
D 98	25-11	1.00	142.4	108.00	19.25	88.46	91.45	72.15	165.65
D 99	25-12	1.00	134.8	71.00	23.74	47.54	91.99	64.06	167.42
D 100	25-13	1.00	151.6	113.00	18.81	94.88	90.75	60.58	169.07
D 101	25-14	1.00	133.1	48.00	28.87	22.47	92.10	26.31	170.73
D 102	25-15	1.00	142.8	75.00	23.09	52.40	91.42	52.59	172.38
D 103	25-16	1.00	133.0	77.00	22.79	53.96	92.10	58.41	174.05
D 104	25-17	1.00	128.4	62.00	25.40	37.46	92.40	40.63	175.69
D 105	25-18	1.00	140.5	93.00	20.74	71.90	91.59	55.60	177.37
D 106	38-1	1.00	142.3	81.00	22.22	58.92	91.46	54.90	179.11
D 107	38-2	1.00	166.6	96.00	20.41	77.72	89.42	72.66	180.90
D 108	38-3	1.00	125.2	39.00	32.03	12.48	92.60	10.04	182.52
D 109	38-4	1.00	109.7	23.00	41.70	-5.03	93.45	9.80	184.16
D 110	38-5	1.00	109.9	28.00	37.80	0.33	93.44	7.06	185.76
D 111	38-6	1.00	115.8	27.00	38.49	-0.65	93.13	12.06	187.40
D 112	38-7	1.00	123.5	39.00	32.03	12.43	92.70	15.94	189.02
D 113	38-8	1.00	110.5	32.00	35.36	4.62	93.41	5.49	190.66
D 114	38-9	1.00	111.5	34.00	34.30	6.78	93.76	7.50	192.26
D 115	38-10	1.00	114.3	35.00	33.81	7.91	93.21	9.38	193.89
D 116	38-11	1.00	123.1	28.00	37.80	0.56	92.72	15.67	195.52
D 117	38-12	1.00	119.8	33.00	34.82	5.88	92.91	11.67	197.15
D 118	38-13	1.00	111.0	25.00	40.00	-2.87	93.38	5.87	198.78
D 119	38-14	1.00	111.4	27.00	38.49	-0.72	93.36	9.01	200.42
D 120	38-15	1.00	117.5	27.00	38.49	-0.67	93.20	11.54	202.14
D 121	38-16	1.00	113.4	24.00	40.82	-3.91	93.26	12.45	203.78
D 122	38-17	1.00	108.4	33.00	34.82	5.65	93.52	6.70	205.39
D 123	38-18	1.00	109.3	28.00	37.80	0.32	93.47	11.56	207.03
D 124	6-1	1.00	109.7	25.00	40.00	-2.89	93.45	8.47	208.76
D 125	6-2	1.00	109.0	28.00	37.80	0.31	93.48	11.54	210.40
D 126	6-3	1.00	107.9	28.00	37.80	0.29	93.54	18.88	212.02
D 127	6-4	1.00	108.3	24.00	40.82	-3.98	93.52	11.04	213.67
D 128	6-5	1.00	103.5	29.00	37.14	1.29	93.75	5.11	215.29
D 129	6-6	1.00	123.9	22.00	42.64	-5.90	92.68	30.21	216.94
D 130	6-7	1.00	108.2	26.00	39.22	-1.84	93.53	8.16	218.55
D 131	6-8	1.00	109.8	27.00	38.49	-0.75	93.44	7.38	220.20
D 132	6-9	1.00	108.0	39.00	32.03	12.05	93.54	10.12	221.82
D 133	6-10	1.00	118.8	30.00	31.62	13.38	92.97	20.13	223.46
D 134	6-11	1.00	122.0	39.00	32.03	12.39	92.79	18.74	225.09
D 135	6-12	1.00	113.3	19.00	45.88	-2.27	93.26	20.42	226.74
D 136	6-13	1.00	111.9	33.00	34.82	5.71	93.34	9.72	228.35
D 137	6-14	1.00	114.5	43.00	30.50	16.50	93.20	11.02	230.00
D 138	6-15	1.00	116.9	25.00	40.00	-2.78	93.07	20.40	231.62
D 139	6-16	1.00	117.2	34.00	34.30	6.77	93.38	9.58	233.25
D 140	6-17	1.00	111.3	28.00	37.80	0.35	93.37	19.94	234.87
D 141	6-18	1.00	118.0	24.00	40.82	-3.84	93.01	13.60	236.52
D 142	10-1	1.00	139.3	59.00	26.04	34.71	91.68	13.05	238.25
D 143	10-2	1.00	124.2	45.00	29.81	18.93	92.66	28.39	239.91
D 144	10-3	1.00	114.9	32.00	35.36	4.70	93.18	18.85	241.52
D 145	10-4	1.00	128.7	28.00	37.80	0.67	92.38	28.16	243.18
D 146	10-5	1.00	125.7	40.00	31.62	13.57	92.57	15.00	244.80
D 147	10-6	1.00	118.6	34.00	34.30	6.93	92.98	12.24	246.45
D 148	10-7	1.00	137.7	53.00	27.47	28.10	91.79	23.41	248.08
D 149	10-8	1.00	119.1	30.00	36.51	2.63	92.95	14.92	249.72
D 150	10-9	1.00	118.7	33.00	34.82	5.85	92.97	11.43	251.44
D 151	10-10	1.00	123.1	38.00	32.44	11.34	92.72	24.94	253.09
D 152	10-11	1.00	127.0	52.00	27.74	26.58	92.49	46.35	254.72
D 153	10-12	1.00	128.1	42.00	30.86	15.81	92.42	24.07	256.37
D 154	10-13	1.00	129.9	49.00	28.57	23.44	92.31	23.54	257.00

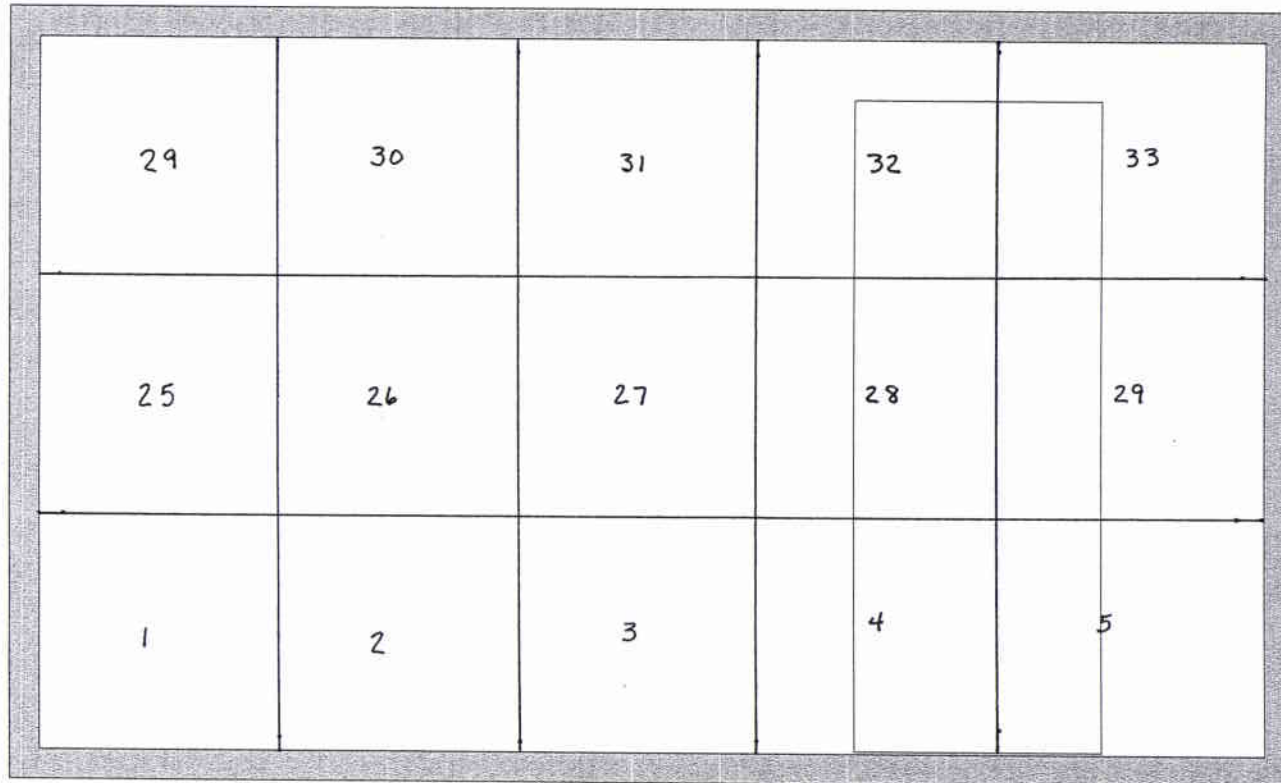
↑
Room
D
E
↓

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
43	** -7 -1	1.00	99.0	35.00	33.81	37.43	93.51	3.46	69.47
44	** -8 -2	1.00	100.3	39.00	32.03	41.74	93.44	3.25	71.11
45	** -9 -3	1.00	100.5	32.00	35.36	34.25	93.44	3.48	72.71
46	** -10 -4	1.00	97.3	47.00	29.17	50.22	93.59	2.71	74.34
47	** -11 -5	1.00	102.4	45.00	29.81	48.21	93.34	3.87	75.96
48	** -12 -6	1.00	106.1	110.00	19.07	118.08	93.15	1.74	77.60
49	** -13 -7	1.00	120.4	42.00	30.86	45.47	92.36	10.46	79.21
50	** -14 -8	1.00	112.2	88.00	21.32	94.80	92.83	2.82	80.86
51	** -15 -9	1.00	111.4	53.00	27.47	57.07	92.87	4.90	82.58
52	** -16 -10	1.00	115.2	44.00	30.15	47.49	92.66	9.12	84.32
53	** -17 -11	1.00	109.4	74.00	23.25	79.59	92.98	3.00	85.94
54	** -18 -12	1.00	90.0	33.00	34.82	35.13	93.93	0.95	87.57
55	38-1-13	1.00	133.3	71.00	23.74	77.57	91.53	8.26	89.30
56	38-2-14	1.00	118.0	44.00	30.15	47.57	92.50	3.53	90.93
57	38-3-15	1.00	139.5	44.00	30.15	48.30	91.09	4.69	92.54
58	38-4-1	1.00	108.8	117.00	18.49	125.79	93.01	1.25	94.17
59	38-5-2	1.00	110.3	85.00	21.69	91.47	92.93	1.95	95.80
60	38-6-3	1.00	114.0	31.00	35.92	33.43	92.73	2.72	97.43
61	38-7-4	1.00	114.3	61.00	25.61	65.80	92.71	1.48	99.04
62	38-8-5	1.00	118.7	43.00	30.50	46.51	92.46	4.02	100.68
63	38-9-6	1.00	112.0	77.00	22.79	82.94	92.84	2.41	102.28
64	38-10-7	1.00	123.7	57.00	26.49	61.85	92.16	1.24	103.91
65	38-11-8	1.00	127.6	71.00	23.74	77.25	91.91	2.63	105.52
66	38-12-9	1.00	120.1	63.00	25.20	68.20	92.38	3.23	107.16
67	38-13-10	1.00	116.6	59.00	26.04	63.73	92.58	2.52	108.76
68	38-14-11	1.00	116.5	68.00	24.25	73.44	92.59	2.38	110.51
69	38-15-12	1.00	112.2	56.00	26.73	60.33	92.83	2.17	112.11
70	38-16-13	1.00	118.2	38.00	32.44	41.09	92.49	4.69	113.75
71	38-17-14	1.00	118.4	45.00	29.81	48.66	92.47	4.83	115.46
72	38-18-15	1.00	123.4	57.00	26.49	61.84	92.17	4.54	117.11
73	31-1-16	1.00	112.0	142.00	16.78	152.95	92.84	1.65	118.83
74	31-2-17	1.00	121.4	67.00	24.43	72.59	92.30	1.73	120.56
75	31-3-18	1.00	117.4	46.00	29.49	49.71	92.53	2.97	122.18
76	31-4-19	1.00	112.3	56.00	26.73	60.33	92.82	2.51	123.82
77	31-5-20	1.00	124.2	46.00	29.49	49.93	92.12	2.74	125.43
78	31-6-21	1.00	118.4	52.00	27.74	56.23	92.47	4.18	127.06
79	31-7-22	1.00	114.2	47.00	29.17	50.69	92.72	1.89	128.67
80	31-8-23	1.00	107.7	51.00	28.01	54.80	93.07	1.62	130.41
81	31-9-24	1.00	110.2	59.00	26.04	63.48	92.94	1.54	132.01
82	31-10-25	1.00	111.7	61.00	25.61	65.69	92.86	2.62	133.64
83	31-11-26	1.00	106.1	41.00	31.23	44.01	93.16	2.03	135.26
84	31-12-27	1.00	112.0	58.00	26.26	62.47	92.84	2.44	136.89
85	31-13-28	1.00	115.5	71.00	23.74	76.64	92.64	1.45	138.60
86	31-14-29	1.00	110.2	112.00	18.90	120.51	92.94	1.26	140.24
87	31-15-30	1.00	110.9	42.00	30.86	45.21	92.90	2.80	141.86
88	31-16-31	1.00	116.1	38.00	32.44	41.03	92.61	5.81	143.49
89	31-17-32	1.00	108.2	45.00	29.81	48.36	93.04	2.29	145.19
90	31-18-33	1.00	111.4	36.00	33.33	38.76	92.87	3.08	146.82
91	29-1-34	1.00	111.4	29.00	37.14	31.23	92.87	6.63	148.54
92	29-2-35	1.00	117.4	59.00	26.04	63.76	92.54	4.41	150.18
93	29-3-1	1.00	118.6	41.00	31.23	44.34	92.46	7.35	151.79
94	29-4-2	1.00	113.8	47.00	29.17	50.68	92.74	4.05	153.44
95	29-5-3	1.00	111.0	40.00	31.62	43.06	92.90	3.37	155.06
96	29-6-4	1.00	129.3	38.00	32.44	41.40	91.80	8.50	156.70
97	29-7-5	1.00	122.5	63.00	25.20	68.31	92.23	6.27	158.31
98	29-8-6	1.00	112.7	54.00	27.22	58.19	92.80	3.92	159.94
99	29-9-7	1.00	123.5	46.00	29.49	49.91	92.17	9.19	161.57
100	29-10-8	1.00	108.9	47.00	29.17	50.53	93.01	4.46	163.21

Room

Room D

Room E



East
→

Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

61	62	63	64	65
37	38	39	40	41
13	14	15	16	17

West


Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

54	55	56	57	58	59	60
30	31	32	33	34	35	36
6	7	8	9	10	11	12

**Room Survey Date: 25 July
2009**

Surveyor: Tom Sanders

Ludlum Model 3 Survey

Meter

S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

S/N: PR276541

Survey Readings: <100 cpm

66	67	68	69	70	71	72
42	43	44	45	46	47	48
18	19	20	21	22	23	24

**Room Survey Date: 25 July
2009**

**Surveyor: Tom Sanders
Ludlum Model 3 Survey
Meter**

S/N: 258504

**Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541**

Survey Readings: <100 cpm

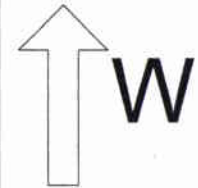
101	102	103	104	105	106	107
94	95	96	97	98	99	100
87	88	89	90	91	92	93
80	81	82	83	84	85	86
73	74	75	76	77	78	79



Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	32	33	34	35



Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

BLDE A ROOM E		ROOM E					
Control	<200 dpm	E41	<200 dpm	E84	<200 dpm	E127	<200 dpm
Control	<200 dpm	E42	<200 dpm	E85	<200 dpm	E128	<200 dpm
Blank	0 dpm	E43	<200 dpm	E86	<200 dpm	E129	<200 dpm
E1	<200 dpm	E44	<200 dpm	E87	<200 dpm	E130	<200 dpm
E2	<200 dpm	E45	<200 dpm	E88	<200 dpm	E131	<200 dpm
E3	<200 dpm	E46	<200 dpm	E89	<200 dpm	E132	<200 dpm
E4	<200 dpm	E47	<200 dpm	E90	<200 dpm	E133	<200 dpm
E5	<200 dpm	E48	<200 dpm	E91	<200 dpm	E134	<200 dpm
E6	<200 dpm	E49	<200 dpm	E92	<200 dpm	E135	<200 dpm
E7	<200 dpm	E50	<200 dpm	E93	<200 dpm	E136	<200 dpm
E8	<200 dpm	E51	<200 dpm	E94	<200 dpm	E137	<200 dpm
E9	<200 dpm	E52	<200 dpm	E95	<200 dpm	E138	<200 dpm
E10	<200 dpm	E53	<200 dpm	E96	<200 dpm	E139	<200 dpm
E11	<200 dpm	E54	<200 dpm	E97	<200 dpm	E140	<200 dpm
E12	<200 dpm	E55	<200 dpm	E98	<200 dpm	E141	<200 dpm
E13	<200 dpm	E56	<200 dpm	E99	<200 dpm	E142	<200 dpm
E14	<200 dpm	E57	<200 dpm	E100	<200 dpm	E143	<200 dpm
E15	<200 dpm	E58	<200 dpm	E101	<200 dpm	E144	<200 dpm
E16	<200 dpm	E59	<200 dpm	E102	<200 dpm	E145	<200 dpm
E17	<200 dpm	E60	<200 dpm	E103	<200 dpm	E146	<200 dpm
E18	<200 dpm	E61	<200 dpm	E104	<200 dpm	E147	<200 dpm
E19	<200 dpm	E62	<200 dpm	E105	<200 dpm	E148	<200 dpm
E20	<200 dpm	E63	<200 dpm	E106	<200 dpm	E149	<200 dpm
E21	<200 dpm	E64	<200 dpm	E107	<200 dpm	E150	<200 dpm
E22	<200 dpm	E65	<200 dpm	E108	<200 dpm	E151	<200 dpm
E23	<200 dpm	E66	<200 dpm	E109	<200 dpm	E152	<200 dpm
E24	<200 dpm	E67	<200 dpm	E110	<200 dpm	E153	<200 dpm
E25	<200 dpm	E68	<200 dpm	E111	<200 dpm	E154	<200 dpm
E26	<200 dpm	E69	<200 dpm	E112	<200 dpm	E155	<200 dpm
E27	<200 dpm	E70	<200 dpm	E113	<200 dpm	E156	<200 dpm
E28	<200 dpm	E71	<200 dpm	E114	<200 dpm	E157	<200 dpm
E29	<200 dpm	E72	<200 dpm	E115	<200 dpm	E158	<200 dpm
E30	<200 dpm	E73	<200 dpm	E116	<200 dpm	E159	<200 dpm
E31	<200 dpm	E74	<200 dpm	E117	<200 dpm	E160	<200 dpm
E32	<200 dpm	E75	<200 dpm	E118	<200 dpm	E161	<200 dpm
E33	<200 dpm	E76	<200 dpm	E119	<200 dpm	E162	<200 dpm
E34	<200 dpm	E77	<200 dpm	E120	<200 dpm	E163	<200 dpm
E35	<200 dpm	E78	<200 dpm	E121	<200 dpm	E164	<200 dpm
E36	<200 dpm	E79	<200 dpm	E122	<200 dpm	E165	<200 dpm
E37	<200 dpm	E80	<200 dpm	E123	<200 dpm	E166	<200 dpm
E38	<200 dpm	E81	<200 dpm	E124	<200 dpm	E167	<200 dpm
E39	<200 dpm	E82	<200 dpm	E125	<200 dpm	E168	<200 dpm
E40	<200 dpm	E83	<200 dpm	E126	<200 dpm	E169	<200 dpm

SAM NO	POS	TIME MIN	H#	<u>14C</u>		14C DFM	14C EFF-1	LUMEX %	ELAPSED TIME	
				CPM	%ERROR					
E ↓ 155	10-14	E49	1.00	137.4	31.00	35.92	4.12	91.81	38.66	259.66
156	10-15	E50	1.00	122.1	39.00	32.03	12.39	92.78	24.25	261.27
157	10-16	E51	1.00	109.7	33.00	34.82	5.67	93.45	13.47	262.92
158	10-17	E52	1.00	114.1	27.00	38.49	-0.68	93.23	20.05	264.53
159	10-18	E53	1.00	114.1	36.00	33.33	8.98	93.22	7.03	266.18
160	31-1	E54	1.00	116.6	31.00	35.92	3.66	93.09	7.07	267.90
161	31-2	E55	1.00	112.1	32.00	35.36	4.65	93.33	9.48	269.53
162	31-3	E56	1.00	111.5	19.00	45.88	-9.29	93.36	6.61	271.14
163	31-4	E57	1.00	112.0	35.00	33.81	7.86	93.33	7.67	272.88
164	31-5	E58	1.00	112.4	28.00	37.80	0.37	93.31	7.47	274.50
165	31-6	E59	1.00	113.4	28.00	37.80	0.38	93.26	8.88	276.15
166	31-7	E60	1.00	111.8	32.00	35.36	4.64	93.34	5.47	277.76
167	31-8	E61	1.00	113.0	23.00	41.70	-4.98	93.28	12.02	279.40
168	31-9	E62	1.00	113.4	34.00	34.30	6.82	93.26	6.85	281.01
169	31-10	E63	1.00	116.4	37.00	32.88	10.10	93.10	9.31	282.65
170	31-11	E64	1.00	108.5	31.00	35.92	3.51	93.51	7.95	284.26
171	31-12	E65	1.00	113.2	26.00	39.22	-1.76	93.27	14.66	285.91
172	31-13	E66	1.00	110.0	28.00	37.80	0.33	93.43	11.80	287.51
173	31-14	E67	1.00	126.6	44.00	30.15	17.92	92.51	37.90	289.18
174	31-15	E68	1.00	105.7	18.00	47.14	-10.42	93.64	21.05	290.80
175	31-16	E69	1.00	106.1	33.00	34.82	5.61	93.62	21.56	292.46
176	31-17	E70	1.00	100.6	30.00	36.51	2.31	93.88	5.87	294.07
177	31-18	E71	1.00	103.6	19.00	45.88	-9.37	93.75	8.59	295.71
178	39-1	E72	1.00	104.1	39.00	32.03	11.97	93.72	4.27	297.43
179	39-2	E73	1.00	107.2	24.00	40.82	-3.99	93.57	10.76	299.07
180	39-3	E74	1.00	114.6	46.00	29.49	19.72	93.19	27.32	300.70
181	39-4	E75	1.00	113.2	51.00	28.01	25.04	93.27	14.99	302.24
182	39-5	E76	1.00	110.8	30.00	36.51	2.48	93.39	12.66	303.85
183	39-6	E77	1.00	120.6	34.00	34.30	6.97	92.87	16.57	305.49
184	39-7	E78	1.00	104.3	37.00	32.88	9.84	93.71	15.26	307.11
185	39-8	E79	1.00	120.9	39.00	32.03	12.36	92.85	14.49	308.76
186	39-9	E80	1.00	127.4	51.00	28.01	25.52	92.46	32.12	310.50
187	39-10	E81	1.00	140.5	63.00	25.20	39.14	91.59	66.80	312.16
188	39-11	E82	1.00	126.3	46.00	29.49	20.07	92.53	17.76	313.79
189	39-12	E83	1.00	115.7	35.00	33.81	7.94	93.14	10.44	315.43
190	39-13	E84	1.00	118.0	32.00	35.36	4.76	93.01	10.10	317.05
191	39-14	E85	1.00	113.7	32.00	35.36	4.68	93.24	11.15	318.68
192	39-15	E86	1.00	115.9	27.00	38.49	-0.65	93.13	11.62	320.30
193	39-16	E87	1.00	119.3	47.00	29.17	20.93	92.94	41.76	322.07
194	39-17	E88	1.00	119.9	51.00	28.01	25.25	92.90	38.43	323.70
195	39-18	E89	1.00	125.9	32.00	35.36	4.93	92.56	15.85	325.35
196	14-1	E90	1.00	115.8	35.00	33.81	7.94	93.13	17.83	327.07
197	14-2	E91	1.00	116.2	36.00	33.33	9.02	93.11	18.73	328.72
198	14-3	E92	1.00	118.8	24.00	40.82	-3.82	92.97	24.84	330.36
199	14-4	E93	1.00	128.5	37.00	32.88	10.40	92.40	29.40	332.01
200	14-5	E94	1.00	124.0	46.00	29.49	20.00	92.67	26.50	333.65
201	14-6	E95	1.00	136.0	56.00	26.73	31.29	91.91	56.59	335.31
202	14-7	E96	1.00	131.8	56.00	26.73	31.11	92.18	39.17	336.95
203	14-8	E97	1.00	134.7	75.00	23.09	51.89	91.99	43.35	338.61
204	14-9	E98	1.00	146.4	57.00	26.49	32.89	91.15	58.46	340.26
205	14-10	E99	1.00	130.6	53.00	27.47	27.80	92.26	45.39	341.92
206	14-11	E100	1.00	125.1	46.00	29.49	20.03	92.61	26.19	343.54
207	14-12	E101	1.00	137.2	79.00	22.50	56.39	91.82	54.92	345.21
208	14-13	E102	1.00	133.1	68.00	24.25	44.19	92.10	43.72	346.86
209	14-14	E103	1.00	138.0	86.00	21.57	64.07	91.77	49.94	348.53
210	14-15	E104	1.00	138.1	78.00	22.65	55.36	91.76	36.92	350.17
211	14-16	E105	1.00	135.3	70.00	23.90	46.49	91.95	53.44	351.85
212	14-17	E106	1.00	137.5	54.00	24.73	31.34	91.80	41.40	353.40

SAM NO	POS	TIME MIN	H#	<u>14C</u>		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
213	14-18E107	1.00	133.4	53.00	27.47	27.92	92.08	43.47	355.15
214	7-1E108	1.00	149.3	111.00	18.98	92.43	90.93	63.64	357.02
215	7-2E109	1.00	136.0	60.00	25.82	35.65	91.90	39.90	358.69
216	7-3E110	1.00	135.8	57.00	26.49	32.37	91.92	35.35	360.32
217	7-4E111	1.00	164.4	128.00	17.68	113.18	89.62	50.11	362.01
218	7-5E112	1.00	133.4	65.00	24.81	40.95	92.08	33.44	363.63
219	7-6E113	1.00	136.1	55.00	26.97	30.21	91.90	38.34	365.31
220	7-7E114	1.00	139.8	63.00	25.20	39.11	91.64	43.76	366.94
221	7-8E115	1.00	142.0	70.00	23.90	46.88	91.48	35.06	368.61
222	7-9E116	1.00	141.6	61.00	25.61	37.02	91.51	40.36	370.23
223	7-10E117	1.00	159.5	95.00	20.52	75.83	90.07	46.20	372.02
224	7-11E118	1.00	132.5	54.00	27.22	28.96	92.14	26.18	373.75
225	7-12E119	1.00	150.2	75.00	23.09	52.91	90.86	39.75	375.42
226	7-13E120	1.00	153.6	84.00	21.82	63.09	90.58	49.83	377.06
227	7-14E121	1.00	149.5	92.00	20.85	71.56	90.91	45.31	378.83
228	7-15E122	1.00	190.4	84.00	21.82	67.06	86.87	56.00	380.48
229	7-16E123	1.00	212.0	91.00	20.97	78.66	84.02	45.77	382.16
230	7-17E124	1.00	151.0	43.00	30.50	17.72	90.80	30.11	383.79
231	7-18E125	1.00	213.3	72.00	23.57	56.25	83.83	69.58	385.57

INSTRUMENT CALIBRATION: Maxi 18 MAY 2009 12:20
 Calibration successful

ID: 64780

22 MAY 2009 06:24

USER:10

COMMENT:SWIPES

PRESET TIME : 1.00
 TA CALC : SL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : STI
 JUNT BLANK : NO IC# : NO REPLICATES : 1 RS232 : OFF
 TWO PHASE : NO AQC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low: 0.010 High:325.27

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
1	57-1	1.00	86.3	28.00	37.80	29.76	94.09	0.37	1.54
2	57-2	1.00	86.4	28.00	37.80	29.76	94.09	0.41	3.12
MISSING SAMPLE									
Room B - 4	57-4	1.00	99.4	41.00	31.23	43.85	93.49	3.16	4.76
5	57-5	1.00	98.2	56.00	26.73	59.86	93.55	2.51	6.36
6	57-6	1.00	96.7	39.00	32.03	41.66	93.62	2.93	7.99
Room E - 7	57-7 E126	1.00	100.3	27.00	38.49	28.89	93.45	3.18	9.69
8	57-8 E127	1.00	101.0	29.00	37.14	31.05	93.41	5.44	11.33
9	57-9 E128	1.00	97.6	30.00	36.51	32.06	93.58	4.69	12.92
10	57-10 E129	1.00	102.5	31.00	35.92	33.21	93.34	5.12	14.56
11	57-11 E130	1.00	102.4	49.00	28.57	52.50	93.34	5.25	16.27
12	57-12 E131	1.00	104.1	58.00	26.26	62.19	93.26	4.05	17.91
13	57-13 E132	1.00	102.5	84.00	21.82	90.00	93.34	3.28	19.53
14	57-14 E133	1.00	89.2	38.00	32.44	40.44	93.97	0.43	21.16
15	57-15 E134	1.00	88.2	40.00	31.62	42.55	94.01	0.43	22.77
16	57-16 E135	1.00	107.6	116.00	18.57	124.63	93.07	2.06	24.41
17	57-17 E136	1.00	103.0	119.00	18.33	127.53	93.31	1.49	26.01
18	57-18 E137	1.00	109.5	104.00	19.61	111.86	92.98	2.27	27.65
19	6-1 E138	1.00	109.9	130.00	17.54	139.85	92.95	1.66	29.36
20	6-2 E139	1.00	108.8	73.00	23.41	78.49	93.01	3.45	31.10
21	6-3 E140	1.00	109.5	137.00	17.09	147.35	92.98	1.90	32.71
22	6-4 E141	1.00	108.1	41.00	31.23	44.06	93.05	6.87	34.34
23	6-5 E142	1.00	88.3	37.00	32.88	39.36	94.01	0.29	36.06
24	6-6 E143	1.00	89.7	30.00	36.51	31.93	93.95	0.40	37.68
25	6-7 E144	1.00	104.7	38.00	32.44	40.76	93.22	3.32	39.29
26	6-8 E145	1.00	104.1	42.00	30.86	45.04	93.26	4.23	41.03
27	6-9 E146	1.00	103.3	56.00	26.73	60.02	93.30	2.76	42.64
28	6-10 E147	1.00	100.9	27.00	38.49	28.90	93.42	4.10	44.38
29	6-11 E148	1.00	104.3	78.00	22.65	83.65	93.25	6.23	45.98
Room E - 30	6-12 E149	1.00	101.1	83.00	21.95	88.86	93.41	2.64	47.62
Room G - 31	6-13	1.00	85.2	19.00	45.88	20.18	94.14	0.52	49.22
32	6-14	1.00	86.0	25.00	40.00	26.57	94.11	0.37	50.85
33	6-15	1.00	97.9	48.00	28.87	51.30	93.56	2.44	52.46
34	6-16	1.00	99.4	65.00	24.81	69.52	93.49	2.54	54.09
35	6-17	1.00	102.9	42.00	30.86	45.01	93.32	3.01	55.69
36	6-18	1.00	102.5	74.00	23.25	79.28	93.34	2.01	57.33
37	30-1	1.00	103.6	44.00	30.15	47.17	93.28	3.81	59.04
38	30-2	1.00	105.4	40.00	31.62	42.92	93.19	6.19	60.68
39	30-3	1.00	105.3	43.00	30.50	46.14	93.20	5.31	62.28
40	30-4	1.00	108.2	73.00	23.41	78.46	93.04	4.59	63.93
41	30-5	1.00	103.4	26.00	39.22	27.87	93.29	6.77	65.54
Room G - 42	30-6	1.00	100.4	44.00	30.15	47.09	93.44	3.10	67.28

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
43	** -7-1	1.00	99.0	35.00	33.81	37.43	93.51	3.46	69.47
44	** -8-2	1.00	100.3	39.00	32.03	41.74	93.44	3.25	71.11
45	** -9-3	1.00	100.5	32.00	35.36	34.25	93.44	3.48	72.71
46	** -10-4	1.00	97.3	47.00	29.17	50.22	93.59	2.71	74.34
47	** -11-5	1.00	102.4	45.00	29.81	48.21	93.34	3.87	75.96
48	** -12-6	1.00	106.1	110.00	19.07	118.08	93.15	1.74	77.60
49	** -13-7	1.00	120.4	42.00	30.86	45.47	92.36	10.46	79.21
50	** -14-8	1.00	112.2	88.00	21.32	94.80	92.83	2.82	80.86
51	** -15-9	1.00	111.4	53.00	27.47	57.07	92.87	4.90	82.58
52	** -16-10	1.00	115.2	44.00	30.15	47.49	92.66	9.12	84.32
53	** -17-11	1.00	109.4	74.00	23.25	79.59	92.98	3.00	85.94
54	** -18-12	1.00	90.0	33.00	34.82	35.13	93.93	0.95	87.57
55	38-1-13	1.00	133.3	71.00	23.74	77.57	91.53	8.26	89.30
56	38-2-14	1.00	118.0	44.00	30.15	47.57	92.50	3.53	90.93
57	38-3-15	1.00	139.5	44.00	30.15	48.30	91.09	4.69	92.54
58	38-4-1	1.00	108.8	117.00	18.49	125.79	93.01	1.25	94.17
59	38-5-2	1.00	110.3	85.00	21.69	91.47	92.93	1.95	95.80
60	38-6-3	1.00	114.0	31.00	35.92	33.43	92.73	2.72	97.43
61	38-7-4	1.00	114.3	61.00	25.61	65.80	92.71	1.48	99.04
62	38-8-5	1.00	118.7	43.00	30.50	46.51	92.46	4.02	100.68
63	38-9-6	1.00	112.0	77.00	22.79	82.94	92.84	2.41	102.28
64	38-10-7	1.00	123.7	57.00	26.49	61.85	92.16	1.24	103.91
65	38-11-8	1.00	127.6	71.00	23.74	77.25	91.91	2.63	105.52
66	38-12-9	1.00	120.1	63.00	25.20	68.20	92.38	3.23	107.16
67	38-13-10	1.00	116.6	59.00	26.04	63.73	92.58	2.52	108.76
68	38-14-11	1.00	116.5	68.00	24.25	73.44	92.59	2.38	110.51
69	38-15-12	1.00	112.2	56.00	26.73	60.33	92.83	2.17	112.11
70	38-16-13	1.00	118.2	38.00	32.44	41.09	92.49	4.69	113.75
71	38-17-14	1.00	118.4	45.00	29.81	48.66	92.47	4.83	115.46
72	38-18-15	1.00	123.4	57.00	26.49	61.84	92.17	4.54	117.11
73	31-1-16	1.00	112.0	142.00	16.78	152.95	92.84	1.65	118.83
74	31-2-17	1.00	121.4	67.00	24.43	72.59	92.30	1.73	120.56
75	31-3-18	1.00	117.4	46.00	29.49	49.71	92.53	2.97	122.18
76	31-4-19	1.00	112.3	56.00	26.73	60.33	92.82	2.51	123.82
77	31-5-20	1.00	124.2	46.00	29.49	49.93	92.12	2.74	125.43
78	31-6-21	1.00	118.4	52.00	27.74	56.23	92.47	4.18	127.06
79	31-7-22	1.00	114.2	47.00	29.17	50.69	92.72	1.89	128.67
80	31-8-23	1.00	107.7	51.00	28.01	54.80	93.07	1.62	130.41
81	31-9-24	1.00	110.2	59.00	26.04	63.48	92.94	1.54	132.01
82	31-10-25	1.00	111.7	61.00	25.61	65.69	92.86	2.62	133.64
83	31-11-26	1.00	106.1	41.00	31.23	44.01	93.16	2.03	135.26
84	31-12-27	1.00	112.0	58.00	26.26	62.47	92.84	2.44	136.89
85	31-13-28	1.00	115.5	71.00	23.74	76.64	92.64	1.45	138.60
86	31-14-29	1.00	110.2	112.00	18.90	120.51	92.94	1.26	140.24
87	31-15-30	1.00	110.9	42.00	30.86	45.21	92.90	2.80	141.86
88	31-16-31	1.00	116.1	38.00	32.44	41.03	92.61	5.81	143.49
89	31-17-32	1.00	108.2	45.00	29.81	48.36	93.04	2.29	145.19
90	31-18-33	1.00	111.4	36.00	33.33	38.76	92.87	3.08	146.82
91	29-1-34	1.00	111.4	29.00	37.14	31.23	92.87	6.63	148.54
92	29-2-35	1.00	117.4	59.00	26.04	63.76	92.54	4.41	150.18
93	29-3-1	1.00	118.6	41.00	31.23	44.34	92.46	7.35	151.79
94	29-4-2	1.00	113.8	47.00	29.17	50.68	92.74	4.05	153.44
95	29-5-3	1.00	111.0	40.00	31.62	43.06	92.90	3.37	155.06
96	29-6-4	1.00	129.3	38.00	32.44	41.40	91.80	8.50	156.70
97	29-7-5	1.00	122.5	63.00	25.20	68.31	92.23	6.27	158.31
98	29-8-6	1.00	112.7	54.00	27.22	58.19	92.80	3.92	159.94
99	29-9-7	1.00	123.5	46.00	29.49	49.91	92.17	9.19	161.57
100	29-10-8	1.00	108.9	47.00	29.17	50.53	93.01	4.46	163.21

Room

Room D

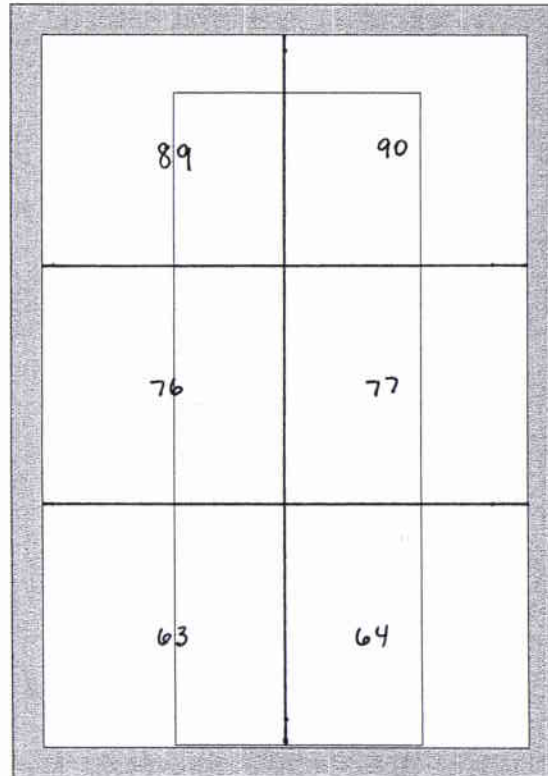
Room E

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
101	29-11-9	1.00	107.1	51.00	28.01	54.78	93.10	3.81	164.93
102	29-12-10	1.00	114.7	46.00	29.49	49.63	92.69	3.34	166.58
103	29-13-11	1.00	108.7	52.00	27.74	55.90	93.02	3.47	168.20
104	29-14-12	1.00	109.8	36.00	33.33	38.73	92.96	4.25	169.93
105	29-15-13	1.00	89.6	32.00	35.36	34.06	93.95	0.23	171.54
106	29-16-14	1.00	88.7	25.00	40.00	26.60	93.99	0.27	173.17
107	29-17-15	1.00	120.8	63.00	25.20	68.23	92.33	6.51	174.79
108	29-18-16	1.00	120.0	61.00	25.61	66.03	92.38	4.69	176.41
109	7-1-17	1.00	112.5	77.00	22.79	82.97	92.81	1.85	178.12
110	7-2-18	1.00	113.6	47.00	29.17	50.68	92.75	2.31	179.86
111	7-3-19	1.00	119.0	40.00	31.62	43.27	92.44	3.73	181.47
112	7-4-20	1.00	116.6	34.00	34.30	36.72	92.58	2.62	183.11
113	7-5-21	1.00	118.0	68.00	24.25	73.52	92.50	2.19	184.73
114	7-6-22	1.00	112.8	30.00	36.51	32.33	92.80	4.07	186.46
115	7-7-23	1.00	134.4	56.00	26.73	61.23	91.46	5.55	188.18
116	7-8-24	1.00	123.0	31.00	35.92	33.62	92.20	6.02	189.81
117	7-9-25	1.00	127.4	57.00	26.49	62.01	91.92	6.01	191.43
118	7-10-26	1.00	103.6	37.00	32.88	39.66	93.28	4.42	193.06
119	7-11-27	1.00	116.8	46.00	29.49	49.69	92.57	6.87	194.78
120	7-12-28	1.00	101.6	38.00	32.44	40.69	93.38	2.28	196.41
121	7-13-29	1.00	106.4	38.00	32.44	40.80	93.14	14.34	198.04
122	7-14-30	1.00	87.6	18.00	47.14	19.14	94.04	0.39	199.67
123	7-15-31	1.00	102.3	21.00	43.64	22.50	93.35	6.59	201.27
124	7-16-32	1.00	87.7	37.00	32.88	39.35	94.03	0.20	202.90
125	7-17-33	1.00	105.7	39.00	32.03	41.86	93.18	7.15	204.51
126	7-18-34	1.00	103.7	51.00	28.01	54.68	93.27	2.92	206.14
127	48-1-1	1.00	103.0	28.00	37.80	30.01	93.31	4.51	207.84
128	48-2-2	1.00	102.9	46.00	29.49	49.29	93.32	3.41	209.48
129	48-3-3	1.00	103.1	53.00	27.47	56.80	93.31	2.40	211.09
130	48-4-4	1.00	102.2	35.00	33.81	37.49	93.35	3.51	212.83
131	48-5-5	1.00	106.0	42.00	30.86	45.08	93.16	6.77	214.44
132	48-6-6	1.00	103.1	60.00	25.82	64.30	93.31	3.25	216.08
133	48-7-7	1.00	105.6	54.00	27.22	57.95	93.18	2.65	217.69
134	48-8-8	1.00	111.2	56.00	26.73	60.29	92.88	5.77	219.43
135	48-9-9	1.00	103.0	26.00	39.22	27.86	93.31	8.31	221.04
136	48-10-10	1.00	103.8	51.00	28.01	54.68	93.27	2.78	222.68
137	48-11-11	1.00	105.8	29.00	37.14	31.13	93.17	6.39	224.40
138	48-12-12	1.00	103.2	29.00	37.14	31.08	93.30	5.35	226.02
139	48-13-13	1.00	89.1	26.00	39.22	27.67	93.97	0.37	227.64
140	48-14-14	1.00	86.0	35.00	33.81	37.19	94.11	0.31	229.27
141	48-15-15	1.00	99.9	43.00	30.50	46.01	93.47	3.06	230.98
142	48-16-16	1.00	101.7	25.00	40.00	26.77	93.38	3.88	232.61
143	48-17-17	1.00	112.9	43.00	30.50	46.34	92.79	5.46	234.22
144	48-18-18	1.00	126.5	66.00	24.62	71.76	91.98	8.31	235.86
145	39-1-19	1.00	107.8	46.00	29.49	49.43	93.07	5.45	237.58
146	39-2-20	1.00	115.7	35.00	33.81	37.78	92.63	9.07	239.11
147	39-3-21	1.00	115.3	80.00	22.36	86.34	92.66	3.59	240.73
148	39-4-22	1.00	104.3	89.00	21.20	95.45	93.25	1.38	242.36
149	39-5-23	1.00	104.6	54.00	27.22	57.92	93.23	3.09	243.98
150	39-6-24	1.00	101.4	41.00	31.23	43.90	93.39	3.40	245.61
151	39-7-25	1.00	104.8	41.00	31.23	43.98	93.22	4.56	247.33
152	39-8-26	1.00	109.7	79.00	22.50	84.98	92.96	3.63	248.96
153	39-9-27	1.00	104.6	39.00	32.03	41.83	93.23	3.60	250.57
154	39-10-28	1.00	105.1	35.00	33.81	37.55	93.20	5.73	252.32
155	39-11-29	1.00	103.7	39.00	32.03	41.81	93.28	4.06	253.93
156	39-12	1.00	101.9	60.00	25.82	64.26	93.37	2.35	255.56
157	39-13	1.00	100.0	51.00	28.01	54.57	93.46	2.63	257.17
158	39-14	1.00	100.9	61.00	25.61	65.30	93.42	2.23	258.91

Room E

Room H

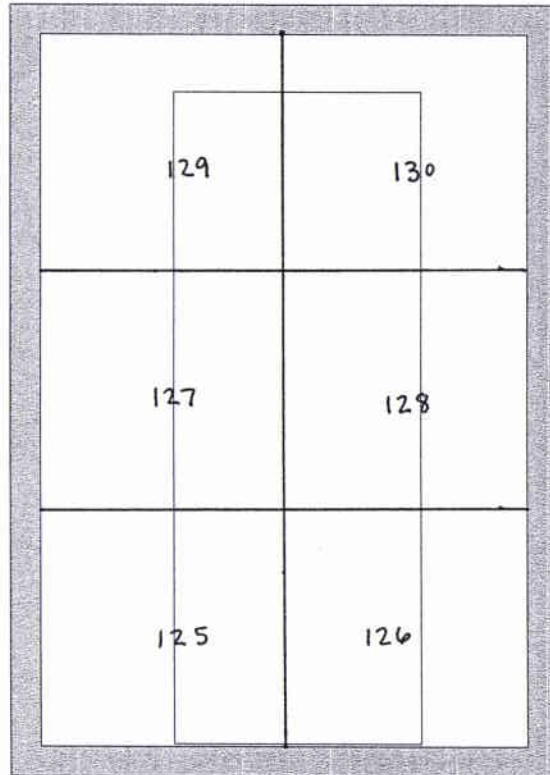
Room I



East
→

Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm



Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

Building A Room E East Wall

35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

Building A Room E West Wall

78	79	80	81	82	83	84	85	86	87	88	137	138	139	140	141	142
65	66	67	68	69	70	71	72	73	74	75	131	132	133	134	135	136
52	53	54	55	56	57	58	59	60	61	62	125	126	127	128	129	130

Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

Building A Room E Floor



91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124
----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

Building A Room E Ceiling

W ↑

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34

Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

BLDG A ROOM G		ROOM G					
Control	<200 dpm	G41	<200 dpm	G84	<200 dpm	G127	<200 dpm
Control	<200 dpm	G42	<200 dpm	G85	<200 dpm	G128	<200 dpm
Blank	0 dpm	G43	<200 dpm	G86	<200 dpm	G129	<200 dpm
G1	<200 dpm	G44	<200 dpm	G87	<200 dpm	G130	<200 dpm
G2	<200 dpm	G45	<200 dpm	G88	<200 dpm	G131	<200 dpm
G3	<200 dpm	G46	<200 dpm	G89	<200 dpm	G132	<200 dpm
G4	<200 dpm	G47	<200 dpm	G90	<200 dpm	G133	<200 dpm
G5	<200 dpm	G48	<200 dpm	G91	<200 dpm	G134	<200 dpm
G6	<200 dpm	G49	<200 dpm	G92	<200 dpm	G135	<200 dpm
G7	<200 dpm	G50	<200 dpm	G93	<200 dpm	G136	<200 dpm
G8	<200 dpm	G51	<200 dpm	G94	<200 dpm	G137	<200 dpm
G9	<200 dpm	G52	<200 dpm	G95	<200 dpm	G138	<200 dpm
G10	<200 dpm	G53	<200 dpm	G96	<200 dpm	G139	<200 dpm
G11	<200 dpm	G54	<200 dpm	G97	<200 dpm	G140	<200 dpm
G12	<200 dpm	G55	<200 dpm	G98	<200 dpm	G141	<200 dpm
G13	<200 dpm	G56	<200 dpm	G99	<200 dpm	G142	<200 dpm
G14	<200 dpm	G57	<200 dpm	G100	<200 dpm	G143	<200 dpm
G15	<200 dpm	G58	<200 dpm	G101	<200 dpm	G144	<200 dpm
G16	<200 dpm	G59	<200 dpm	G102	<200 dpm	G145	<200 dpm
G17	<200 dpm	G60	<200 dpm	G103	<200 dpm	G146	<200 dpm
G18	<200 dpm	G61	<200 dpm	G104	<200 dpm	G147	<200 dpm
G19	<200 dpm	G62	<200 dpm	G105	<200 dpm	G148	<200 dpm
G20	<200 dpm	G63	<200 dpm	G106	<200 dpm	G149	<200 dpm
G21	<200 dpm	G64	<200 dpm	G107	<200 dpm	G150	<200 dpm
G22	<200 dpm	G65	<200 dpm	G108	<200 dpm	G151	<200 dpm
G23	<200 dpm	G66	<200 dpm	G109	<200 dpm	G152	<200 dpm
G24	<200 dpm	G67	<200 dpm	G110	<200 dpm	G153	<200 dpm
G25	<200 dpm	G68	<200 dpm	G111	<200 dpm	G154	<200 dpm
G26	<200 dpm	G69	<200 dpm	G112	<200 dpm	G155	<200 dpm
G27	<200 dpm	G70	<200 dpm	G113	<200 dpm	G156	<200 dpm
G28	<200 dpm	G71	<200 dpm	G114	<200 dpm	G157	<200 dpm
G29	<200 dpm	G72	<200 dpm	G115	<200 dpm	G158	<200 dpm
G30	<200 dpm	G73	<200 dpm	G116	<200 dpm	G159	<200 dpm
G31	<200 dpm	G74	<200 dpm	G117	<200 dpm	G160	<200 dpm
G32	<200 dpm	G75	<200 dpm	G118	<200 dpm	G161	<200 dpm
G33	<200 dpm	G76	<200 dpm	G119	<200 dpm	G162	<200 dpm
G34	<200 dpm	G77	<200 dpm	G120	<200 dpm	G163	<200 dpm
G35	<200 dpm	G78	<200 dpm	G121	<200 dpm	G164	<200 dpm
G36	<200 dpm	G79	<200 dpm	G122	<200 dpm	G165	<200 dpm
G37	<200 dpm	G80	<200 dpm	G123	<200 dpm	G166	<200 dpm
G38	<200 dpm	G81	<200 dpm	G124	<200 dpm	G167	<200 dpm
G39	<200 dpm	G82	<200 dpm	G125	<200 dpm	G168	<200 dpm
G40	<200 dpm	G83	<200 dpm	G126	<200 dpm	G169	<200 dpm

BLDG A ROOM G		ROOM G					
		G210	<200 dpm	G253	<200 dpm	G296	<200 dpm
		G211	<200 dpm	G254	<200 dpm	G297	<200 dpm
		G212	<200 dpm	G255	<200 dpm	G298	<200 dpm
G170	<200 dpm	G213	<200 dpm	G256	<200 dpm	G299	<200 dpm
G171	<200 dpm	G214	<200 dpm	G257	<200 dpm	G300	<200 dpm
G172	<200 dpm	G215	<200 dpm	G258	<200 dpm	G301	<200 dpm
G173	<200 dpm	G216	<200 dpm	G259	<200 dpm	G302	<200 dpm
G174	<200 dpm	G217	<200 dpm	G260	<200 dpm	G303	<200 dpm
G175	<200 dpm	G218	<200 dpm	G261	<200 dpm	G304	<200 dpm
G176	<200 dpm	G219	<200 dpm	G262	<200 dpm	G305	<200 dpm
G177	<200 dpm	G220	<200 dpm	G263	<200 dpm	G306	<200 dpm
G178	<200 dpm	G221	<200 dpm	G264	<200 dpm	G307	<200 dpm
G179	<200 dpm	G222	<200 dpm	G265	<200 dpm	G308	<200 dpm
G180	<200 dpm	G223	<200 dpm	G266	<200 dpm	G309	<200 dpm
G181	<200 dpm	G224	<200 dpm	G267	<200 dpm	G340	<200 dpm
G182	<200 dpm	G225	<200 dpm	G268	<200 dpm	G341	<200 dpm
G183	<200 dpm	G226	<200 dpm	G269	<200 dpm	G342	<200 dpm
G184	<200 dpm	G227	<200 dpm	G270	<200 dpm	G343	<200 dpm
G185	<200 dpm	G228	<200 dpm	G271	<200 dpm	G344	<200 dpm
G186	<200 dpm	G229	<200 dpm	G272	<200 dpm	G345	<200 dpm
G187	<200 dpm	G230	<200 dpm	G273	<200 dpm	G346	<200 dpm
G188	<200 dpm	G231	<200 dpm	G274	<200 dpm	G347	<200 dpm
G189	<200 dpm	G232	<200 dpm	G275	<200 dpm	G348	<200 dpm
G190	<200 dpm	G233	<200 dpm	G276	<200 dpm	G349	<200 dpm
G191	<200 dpm	G234	<200 dpm	G277	<200 dpm	G350	<200 dpm
G192	<200 dpm	G235	<200 dpm	G278	<200 dpm	G351	<200 dpm
G193	<200 dpm	G236	<200 dpm	G279	<200 dpm	G352	<200 dpm
G194	<200 dpm	G237	<200 dpm	G280	<200 dpm	G353	<200 dpm
G195	<200 dpm	G238	<200 dpm	G281	<200 dpm	G354	<200 dpm
G196	<200 dpm	G239	<200 dpm	G282	<200 dpm	G355	<200 dpm
G197	<200 dpm	G240	<200 dpm	G283	<200 dpm	G356	<200 dpm
G198	<200 dpm	G241	<200 dpm	G284	<200 dpm	G357	<200 dpm
G199	<200 dpm	G242	<200 dpm	G285	<200 dpm	G358	<200 dpm
G200	<200 dpm	G243	<200 dpm	G286	<200 dpm	G359	<200 dpm
G201	<200 dpm	G244	<200 dpm	G287	<200 dpm	G360	<200 dpm
G202	<200 dpm	G245	<200 dpm	G288	<200 dpm	G361	<200 dpm
G203	<200 dpm	G246	<200 dpm	G289	<200 dpm	G362	<200 dpm
G204	<200 dpm	G247	<200 dpm	G290	<200 dpm	G363	<200 dpm
G205	<200 dpm	G248	<200 dpm	G291	<200 dpm	G364	<200 dpm
G206	<200 dpm	G249	<200 dpm	G292	<200 dpm	G365	<200 dpm
G207	<200 dpm	G250	<200 dpm	G293	<200 dpm	G366	<200 dpm
G208	<200 dpm	G251	<200 dpm	G294	<200 dpm	G367	<200 dpm
G209	<200 dpm	G252	<200 dpm	G295	<200 dpm	G368	<200 dpm

BLDG A ROOM G		ROOM G					
		G409	<200 dpm	G452	<200 dpm	G495	<200 dpm
		G410	<200 dpm	G453	<200 dpm	G496	<200 dpm
		G411	<200 dpm	G454	<200 dpm	G497	<200 dpm
G369	<200 dpm	G412	<200 dpm	G455	<200 dpm	G498	<200 dpm
G370	<200 dpm	G413	<200 dpm	G456	<200 dpm	G499	<200 dpm
G371	<200 dpm	G414	<200 dpm	G457	<200 dpm	G500	<200 dpm
G372	<200 dpm	G415	<200 dpm	G458	<200 dpm	G501	<200 dpm
G373	<200 dpm	G416	<200 dpm	G459	<200 dpm	G502	<200 dpm
G374	<200 dpm	G417	<200 dpm	G460	<200 dpm	G503	<200 dpm
G375	<200 dpm	G418	<200 dpm	G461	<200 dpm	G504	<200 dpm
G376	<200 dpm	G419	<200 dpm	G462	<200 dpm	G505	<200 dpm
G377	<200 dpm	G420	<200 dpm	G463	<200 dpm	G506	<200 dpm
G378	<200 dpm	G421	<200 dpm	G464	<200 dpm	G507	<200 dpm
G379	<200 dpm	G422	<200 dpm	G465	<200 dpm	G508	<200 dpm
G380	<200 dpm	G423	<200 dpm	G466	<200 dpm	G509	<200 dpm
G381	<200 dpm	G424	<200 dpm	G467	<200 dpm	G510	<200 dpm
G382	<200 dpm	G425	<200 dpm	G468	<200 dpm	G511	<200 dpm
G383	<200 dpm	G426	<200 dpm	G469	<200 dpm	G512	<200 dpm
G384	<200 dpm	G427	<200 dpm	G470	<200 dpm	G513	<200 dpm
G385	<200 dpm	G428	<200 dpm	G471	<200 dpm	G514	<200 dpm
G386	<200 dpm	G429	<200 dpm	G472	<200 dpm	G515	<200 dpm
G387	<200 dpm	G430	<200 dpm	G473	<200 dpm	G516	<200 dpm
G388	<200 dpm	G431	<200 dpm	G474	<200 dpm	G517	<200 dpm
G389	<200 dpm	G432	<200 dpm	G475	<200 dpm	G518	<200 dpm
G390	<200 dpm	G433	<200 dpm	G476	<200 dpm	G519	<200 dpm
G391	<200 dpm	G434	<200 dpm	G477	<200 dpm	G520	<200 dpm
G392	<200 dpm	G435	<200 dpm	G478	<200 dpm	G521	<200 dpm
G393	<200 dpm	G436	<200 dpm	G479	<200 dpm	G522	<200 dpm
G394	<200 dpm	G437	<200 dpm	G480	<200 dpm	G523	<200 dpm
G395	<200 dpm	G438	<200 dpm	G481	<200 dpm	G524	<200 dpm
G396	<200 dpm	G439	<200 dpm	G482	<200 dpm	G525	<200 dpm
G397	<200 dpm	G440	<200 dpm	G483	<200 dpm	G526	<200 dpm
G398	<200 dpm	G441	<200 dpm	G484	<200 dpm	G527	<200 dpm
G399	<200 dpm	G442	<200 dpm	G485	<200 dpm	G528	<200 dpm
G400	<200 dpm	G443	<200 dpm	G486	<200 dpm	G529	<200 dpm
G401	<200 dpm	G444	<200 dpm	G487	<200 dpm	G530	<200 dpm
G402	<200 dpm	G445	<200 dpm	G488	<200 dpm	G531	<200 dpm
G403	<200 dpm	G446	<200 dpm	G489	<200 dpm	G532	<200 dpm
G404	<200 dpm	G447	<200 dpm	G490	<200 dpm	G533	<200 dpm
G405	<200 dpm	G448	<200 dpm	G491	<200 dpm	G534	<200 dpm
G406	<200 dpm	G449	<200 dpm	G492	<200 dpm	G535	<200 dpm
G407	<200 dpm	G450	<200 dpm	G493	<200 dpm	G536	<200 dpm
G408	<200 dpm	G451	<200 dpm	G494	<200 dpm	G537	<200 dpm

BLDG A ROOM G		ROOM G			
G538	<200 dpm	G581	<200 dpm		
G539	<200 dpm	G582	<200 dpm		
G540	<200 dpm	G583	<200 dpm		
G541	<200 dpm				
G542	<200 dpm				
G543	<200 dpm				
G544	<200 dpm				
G545	<200 dpm				
G546	<200 dpm				
G547	<200 dpm				
G548	<200 dpm				
G549	<200 dpm				
G550	<200 dpm				
G551	<200 dpm				
G552	<200 dpm				
G553	<200 dpm				
G554	<200 dpm				
G555	<200 dpm				
G556	<200 dpm				
G557	<200 dpm				
G558	<200 dpm				
G559	<200 dpm				
G560	<200 dpm				
G561	<200 dpm				
G562	<200 dpm				
G563	<200 dpm				
G564	<200 dpm				
G565	<200 dpm				
G566	<200 dpm				
G567	<200 dpm				
G568	<200 dpm				
G569	<200 dpm				
G570	<200 dpm				
G571	<200 dpm				
G572	<200 dpm				
G573	<200 dpm				
G574	<200 dpm				
G575	<200 dpm				
G576	<200 dpm				
G577	<200 dpm				
G578	<200 dpm				
G579	<200 dpm				
G580	<200 dpm				

ID:BLDG A, ROOM 6

18 MAY 2009 17:40

USER:18 COMMENT: 1-180

PRESET TIME : 1.00
 DATA CALC : SL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : STD
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 TWO PHASE : NO AGC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low:-0.313 High:326.03

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
B1	47-1	1.00	85.6	30.00	36.51	31.74	94.51	0.84	1.50
B2	47-2	1.00	85.8	24.00	40.82	25.40	94.50	0.33	3.10
Blank Average				DPM	for	14C :	28.57	COEF. OF VAR:	15.706
G 1	47-4	1.00	128.6	30.00	36.51	3.90	92.39	26.47	4.74
G 2	47-5	1.00	114.3	19.00	45.88	-8.19	93.21	11.10	6.35
G 3	47-6	1.00	118.9	19.00	45.88	-8.13	92.96	19.23	7.98
G 4	47-7	1.00	118.8	38.00	32.44	12.30	92.97	12.93	9.60
G 5	47-8	1.00	118.7	23.00	41.70	-3.83	92.98	21.57	11.24
G 6	47-9	1.00	125.1	38.00	32.44	12.47	92.60	26.11	12.88
G 7	47-10	1.00	120.7	18.00	47.14	-9.19	92.86	18.31	14.50
G 8	47-11	1.00	119.5	27.00	38.49	0.48	92.93	13.82	16.12
G 9	47-12	1.00	131.8	49.00	28.57	24.58	92.19	30.40	17.78
G 10	47-13	1.00	130.1	56.00	26.73	32.11	92.29	50.75	19.42
G 11	47-14	1.00	122.0	33.00	34.82	6.99	92.79	20.54	21.07
G 12	47-15	1.00	164.0	40.00	31.62	16.04	89.66	21.10	22.71
G 13	47-16	1.00	130.3	30.00	36.51	3.94	92.28	26.62	24.35
G 14	47-17	1.00	131.7	46.00	29.49	21.32	92.19	62.46	26.10
G 15	47-18	1.00	118.1	28.00	37.80	1.53	93.01	19.14	27.84
G 16	7-1	1.00	121.3	30.00	36.51	3.75	92.82	27.10	29.57
G 17	7-2	1.00	123.7	27.00	38.49	0.56	92.69	24.32	31.23
G 18	7-3	1.00	115.1	41.00	31.23	15.44	93.17	9.73	32.83
G 19	7-4	1.00	116.5	26.00	39.22	-0.64	93.09	12.54	34.48
G 20	7-5	1.00	114.3	30.00	36.51	3.61	93.21	16.09	36.10
G 21	7-6	1.00	115.3	26.00	39.22	-0.66	93.16	8.87	37.62
G 22	7-7	1.00	119.4	34.00	34.30	8.02	92.93	18.98	39.25
G 23	7-8	1.00	132.8	39.00	32.03	13.77	92.12	32.36	40.90
G 24	7-9	1.00	125.3	42.00	30.86	16.79	92.59	36.56	42.63
G 25	7-10	1.00	123.0	30.00	36.51	3.78	92.73	26.82	44.29
G 26	7-11	1.00	132.5	47.00	29.17	22.44	92.14	35.94	45.91
G 27	7-12	1.00	125.0	41.00	31.23	15.70	92.61	45.59	47.57
G 28	7-13	1.00	113.5	38.00	32.44	12.18	93.26	17.84	49.19
G 29	7-14	1.00	109.5	26.00	39.22	-0.75	93.46	14.42	50.83
G 30	7-15	1.00	108.8	26.00	39.22	-0.76	93.49	8.05	52.44
G 31	7-16	1.00	133.4	196.00	14.29	184.29	92.08	85.63	54.18
G 32	7-17	1.00	129.6	57.00	26.49	33.17	92.32	31.64	55.80
G 33	7-18	1.00	119.7	34.00	34.30	8.02	92.92	19.72	57.46
G 34	**-1	1.00	121.0	29.00	37.14	2.67	92.84	22.98	59.19
G 35	**-2	1.00	121.0	35.00	33.81	9.13	92.85	21.91	60.84
G 36	**-3	1.00	123.9	33.00	34.82	7.04	92.68	16.10	62.47
G 37	**-4	1.00	120.8	32.00	35.36	5.89	92.86	11.99	64.22
G 38	**-5	1.00	125.6	39.00	32.03	13.54	92.57	20.33	65.84

SAM NO	POS	TIME MIN	H#	<u>14C</u>		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
G 39	** -6	1.00	125.5	30.00	36.51	3.83	92.58	28.82	67.49
G 40	** -7	1.00	133.5	31.00	35.92	5.10	92.08	45.94	69.13
G 41	** -8	1.00	124.8	40.00	31.62	14.62	92.62	28.44	70.78
G 42	** -9	1.00	138.3	41.00	31.23	16.12	91.75	70.12	72.42
G 43	** -10	1.00	139.5	83.00	21.95	61.98	91.66	74.33	74.19
G 44	** -11	1.00	123.1	43.00	30.50	17.80	92.72	69.28	75.84
G 45	** -12	1.00	121.3	48.00	28.87	23.14	92.83	43.63	77.50
G 46	** -13	1.00	130.6	69.00	24.08	46.22	92.26	82.32	79.15
G 47	** -14	1.00	126.0	33.00	34.82	7.09	92.55	13.64	80.80
G 48	** -15	1.00	104.5	27.00	38.49	0.24	93.70	8.73	82.41
G 49	** -16	1.00	108.8	34.00	34.30	7.80	93.49	8.97	84.06
G 50	** -17	1.00	117.7	21.00	43.64	-6.00	93.03	11.35	85.68
G 51	** -18	1.00	113.2	25.00	40.00	-1.77	93.27	13.87	87.32
G 52	39-1	1.00	142.0	47.00	29.17	22.80	91.48	26.85	89.06
G 53	39-2	1.00	125.8	29.00	37.14	2.76	92.56	19.32	90.70
G 54	39-3	1.00	133.2	23.00	41.70	-3.60	92.09	27.38	92.34
G 55	39-4	1.00	120.7	38.00	32.44	12.35	92.86	23.50	93.97
G 56	39-5	1.00	123.7	18.00	47.14	-9.15	92.68	30.04	95.61
G 57	39-6	1.00	128.9	37.00	32.88	11.49	92.37	30.34	97.36
G 58	39-7	1.00	115.3	16.00	50.00	-11.39	93.16	20.66	98.96
G 59	39-8	1.00	125.4	35.00	33.81	9.23	92.59	27.07	100.62
G 60	39-9	1.00	125.7	26.00	39.22	-0.48	92.57	40.09	102.27
G 61	39-10	1.00	122.0	41.00	31.23	15.62	92.79	25.87	104.01
G 62	39-11	1.00	128.7	39.00	32.03	13.65	92.38	25.33	105.64
G 63	39-12	1.00	129.8	34.00	34.30	8.26	92.32	27.71	107.29
G 64	39-13	1.00	133.3	43.00	30.50	18.13	92.08	30.77	108.91
G 65	39-14	1.00	114.6	29.00	37.14	2.55	93.20	12.26	110.56
G 66	39-15	1.00	122.0	36.00	33.33	10.23	92.79	22.58	112.19
G 67	39-16	1.00	125.7	24.00	40.82	-2.64	92.57	50.72	113.84
G 68	39-17	1.00	124.5	42.00	30.86	16.77	92.64	34.28	115.58
G 69	39-18	1.00	123.7	43.00	30.50	17.82	92.69	24.07	117.23
G 70	31-1	1.00	122.0	32.00	35.36	5.92	92.79	20.05	118.96
G 71	31-2	1.00	126.1	36.00	33.33	10.33	92.55	28.04	120.61
G 72	31-3	1.00	119.8	36.00	33.33	10.18	92.91	19.36	122.33
G 73	31-4	1.00	116.8	25.00	40.00	-1.71	93.08	23.47	123.97
G 74	31-5	1.00	127.0	42.00	30.86	16.84	92.49	39.34	125.61
G 75	31-6	1.00	128.5	37.00	32.88	11.47	92.40	48.71	127.27
G 76	31-7	1.00	115.7	42.00	30.86	16.52	93.14	11.74	128.91
G 77	31-8	1.00	125.0	38.00	32.44	12.46	92.61	22.52	130.56
G 78	31-9	1.00	118.3	34.00	34.30	7.99	92.99	20.08	132.17
G 79	31-10	1.00	120.0	33.00	34.82	6.95	92.90	21.32	133.82
G 80	31-11	1.00	120.5	28.00	37.80	1.58	92.87	36.95	135.44
G 81	31-12	1.00	121.6	46.00	29.49	21.00	92.81	31.30	137.09
G 82	31-13	1.00	119.3	24.00	40.82	-2.75	92.94	38.21	138.72
G 83	31-14	1.00	124.4	46.00	29.49	21.08	92.64	36.54	140.38
G 84	31-15	1.00	121.9	50.00	28.28	25.31	92.79	44.59	142.02
G 85	31-16	1.00	128.0	57.00	26.49	33.10	92.42	53.00	143.67
G 86	31-17	1.00	122.0	36.00	33.33	10.23	92.79	18.10	145.30
G 87	31-18	1.00	128.0	51.00	28.01	26.61	92.43	43.48	146.95
G 88	10-1	1.00	121.0	64.00	25.00	40.36	92.84	21.90	148.80
G 89	10-2	1.00	122.9	57.00	26.49	32.89	92.74	30.89	150.55
G 90	10-3	1.00	121.9	39.00	32.03	13.46	92.79	34.87	152.18
G 91	10-4	1.00	122.2	41.00	31.23	15.62	92.77	45.34	153.85
G 92	10-5	1.00	133.2	73.00	23.41	50.70	92.09	65.68	155.50
G 93	10-6	1.00	128.3	40.00	31.62	14.72	92.41	23.92	157.16
G 94	10-7	1.00	140.3	143.00	16.72	127.54	91.60	63.85	158.82
G 95	10-8	1.00	128.9	49.00	28.57	24.48	92.37	49.78	160.49
G 96	10-9	1.00	133.8	65.00	24.91	42.04	92.04	53.77	162.17

SAM NO	POS	TIME MIN	H#	14C		14C DFM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
G 97	10-10	1.00	132.3	55.00	26.97	31.11	92.15	51.57	163.91
G 98	10-11	1.00	128.9	73.00	23.41	50.46	92.37	53.70	165.55
G 99	10-12	1.00	130.0	47.00	29.17	22.35	92.30	37.41	167.22
G 100	10-13	1.00	131.2	49.00	28.57	24.56	92.22	49.17	168.85
G 101	10-14	1.00	131.1	44.00	30.15	19.13	92.23	57.93	170.53
G 102	10-15	1.00	129.3	54.00	27.22	29.90	92.35	37.06	172.15
G 103	10-16	1.00	136.5	62.00	25.40	38.91	91.88	60.26	173.82
G 104	10-17	1.00	248.4	237.00	12.99	275.28	78.00	83.53	175.63
G 105	10-18	1.00	171.8	137.00	17.09	125.52	88.91	79.56	177.33
G 106	6-1	1.00	126.1	41.00	31.23	15.73	92.54	28.91	179.06
G 107	6-2	1.00	128.9	40.00	31.62	14.73	92.37	24.58	180.71
G 108	6-3	1.00	130.9	43.00	30.50	18.05	92.24	27.23	182.34
G 109	6-4	1.00	124.1	45.00	29.81	19.99	92.66	36.14	183.99
G 110	6-5	1.00	121.5	24.00	40.82	-2.71	92.82	29.76	185.60
G 111	6-6	1.00	130.9	37.00	32.88	11.54	92.25	58.10	187.27
G 112	6-7	1.00	177.6	123.00	18.03	110.71	88.31	89.64	188.94
G 113	6-8	1.00	132.2	34.00	34.30	8.32	92.16	26.43	190.59
G 114	6-9	1.00	126.9	26.00	39.22	-0.46	92.49	22.08	192.33
G 115	6-10	1.00	139.6	51.00	28.01	27.07	91.66	42.02	193.98
G 116	6-11	1.00	117.2	31.00	35.92	4.74	93.06	16.22	195.60
G 117	6-12	1.00	125.0	38.00	32.44	12.46	92.61	25.61	197.26
G 118	6-13	1.00	132.4	44.00	30.15	19.18	92.14	36.23	198.88
G 119	6-14	1.00	128.8	29.00	37.14	2.82	92.37	44.64	200.42
G 120	6-15	1.00	118.0	20.00	44.72	-7.07	93.01	24.05	202.03
G 121	6-16	1.00	122.5	54.00	27.22	29.65	92.76	13.69	203.69
G 122	6-17	1.00	123.4	34.00	34.30	8.11	92.71	22.96	205.31
G 123	6-18	1.00	133.1	37.00	32.88	11.60	92.10	31.03	206.96
G 124	38-1	1.00	132.1	33.00	34.82	7.24	92.17	38.09	208.70
G 125	38-2	1.00	129.2	36.00	33.33	10.41	92.35	41.94	210.35
G 126	38-3	1.00	121.0	51.00	28.01	26.36	92.84	21.86	211.98
G 127	38-4	1.00	117.1	31.00	35.92	4.74	93.06	10.34	213.63
G 128	38-5	1.00	131.6	30.00	36.51	3.97	92.20	33.84	215.26
G 129	38-6	1.00	129.0	39.00	32.03	13.65	92.36	49.49	216.92
G 130	38-7	1.00	124.5	35.00	33.81	9.21	92.64	27.87	218.55
G 131	38-8	1.00	123.1	35.00	33.81	9.18	92.72	22.10	220.19
G 132	38-9	1.00	121.8	32.00	35.36	5.91	92.80	28.45	221.83
G 133	38-10	1.00	126.0	31.00	35.92	4.92	92.55	21.56	223.45
G 134	38-11	1.00	136.0	27.00	38.49	0.81	91.91	27.97	225.09
G 135	38-12	1.00	125.1	21.00	43.64	-5.89	92.61	25.94	226.74
G 136	38-13	1.00	119.6	32.00	35.36	5.87	92.92	26.64	228.36
G 137	38-14	1.00	122.5	34.00	34.30	8.09	92.76	27.11	230.01
G 138	38-15	1.00	110.4	36.00	33.33	9.97	93.42	7.53	231.63
G 139	38-16	1.00	121.3	30.00	36.51	3.75	92.82	22.71	233.27
G 140	38-17	1.00	127.2	40.00	31.62	14.68	92.48	27.95	234.91
G 141	38-18	1.00	122.2	33.00	34.82	7.00	92.77	12.83	236.55
G 142	25-1	1.00	126.8	24.00	40.82	-2.62	92.50	21.04	238.27
G 143	25-2	1.00	126.2	47.00	29.17	22.22	92.54	17.84	239.91
G 144	25-3	1.00	118.2	25.00	40.00	-1.69	93.00	21.65	241.53
G 145	25-4	1.00	119.1	24.00	40.82	-2.75	92.95	18.71	243.17
G 146	25-5	1.00	123.9	23.00	41.70	-3.75	92.67	30.44	244.81
G 147	25-6	1.00	132.7	57.00	26.49	33.30	92.13	16.93	246.45
G 148	25-7	1.00	124.2	23.00	41.70	-3.75	92.65	15.82	248.07
G 149	25-8	1.00	149.7	43.00	30.50	18.74	90.89	23.50	249.73
G 150	25-9	1.00	117.6	32.00	35.36	5.83	93.03	9.64	251.34
G 151	25-10	1.00	114.0	24.00	40.82	-2.83	93.23	20.12	252.87
G 152	25-11	1.00	124.7	30.00	36.51	3.82	92.63	24.72	254.49
G 153	25-12	1.00	127.2	28.00	37.80	1.71	92.48	21.30	256.13
G 154	25-13	1.00	133.8	37.00	32.88	11.42	92.05	34.24	257.74

SAM NO	POS	TIME MIN	H#	<u>14C</u>		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
155	25-14	1.00	130.5	19.00	45.88	-7.98	92.27	27.03	259.42
G 156	25-15	1.00	134.7	37.00	32.88	11.65	92.00	29.17	261.07
G 157	25-16	1.00	125.7	34.00	34.30	8.16	92.57	24.83	262.81
G 158	25-17	1.00	118.8	40.00	31.62	14.46	92.97	11.93	264.43
G 159	25-18	1.00	117.3	39.00	32.03	13.34	93.05	12.30	266.07
G 160	57-1	1.00	127.8	22.00	42.64	-4.77	92.44	21.62	267.80
G 161	57-2	1.00	131.7	28.00	37.80	1.80	92.19	25.26	269.44
G 162	57-3	1.00	138.2	20.00	44.72	-6.77	91.75	32.17	271.07
G 163	57-4	1.00	108.4	28.00	37.80	1.37	93.52	6.28	272.69
G 164	57-5	1.00	99.0	26.00	39.22	-0.90	93.95	3.12	274.20
G 165	57-6	1.00	111.0	26.00	39.22	-0.73	93.38	7.06	275.83
G 166	57-7	1.00	113.2	37.00	32.88	11.10	93.27	7.51	277.45
G 167	57-8	1.00	116.0	23.00	41.70	-3.87	93.12	10.30	279.10
G 168	57-9	1.00	115.0	20.00	44.72	-7.10	93.17	6.61	280.72
G 169	57-10	1.00	117.0	26.00	39.22	-0.63	93.07	12.60	282.36
G 170	57-11	1.00	116.8	24.00	40.82	-2.79	93.08	12.76	283.98
G 171	57-12	1.00	110.6	27.00	38.49	0.34	93.40	8.82	285.61
G 172	57-13	1.00	111.1	26.00	39.22	-0.73	93.38	6.73	287.23
G 173	57-14	1.00	114.6	18.00	47.14	-9.26	93.20	10.51	288.86
G 174	57-15	1.00	116.8	32.00	35.36	5.81	93.08	6.56	290.48
G 175	57-16	1.00	117.0	44.00	30.15	18.71	93.07	48.06	292.24
G 176	57-17	1.00	116.7	36.00	33.33	10.10	93.09	9.53	293.87
G 177	57-18	1.00	122.4	37.00	32.88	11.32	92.77	9.43	295.50
G 178	16-1	1.00	116.8	32.00	35.36	5.81	93.08	10.46	297.23
G 179	16-2	1.00	111.2	35.00	33.81	8.91	93.37	7.94	298.86
G 180	16-3	1.00	118.0	42.00	30.86	16.59	93.01	8.10	300.48

INSTRUMENT CALIBRATION: Maxi 19 MAY 2009 16:03
Calibration successful

PAGE: 1

ID: BLDG A

USER: 18

COMMENT: ROOM G, 1-198

19 MAY 2009 16:03

PRESET TIME : 1.00
DATA CALC : SL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : STD
COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
TWO PHASE : NO AQC : NO CYCLE REPEATS : 1
SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low: -0.313 High: 326.03

SAM NO	POS	TIME MIN	H#	14C CPM	14C %ERROR	14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
--------	-----	----------	----	---------	------------	---------	-----------	---------	--------------

G181-1	47-4	1.00	109.9	26.00	39.22	7.20	93.44	14.81	4.75
G182-2	47-5	1.00	112.9	36.00	33.33	17.96	93.29	16.81	6.26
G183-3	47-6	1.00	110.3	30.00	36.51	11.48	93.42	17.73	7.99
G184-4	47-7	1.00	114.6	22.00	42.64	2.98	93.20	28.92	9.62
G185-5	47-8	1.00	130.0	34.00	34.30	16.20	92.30	28.91	11.26
G186-6	47-9	1.00	118.8	43.00	30.50	25.62	92.97	29.19	12.90
G187-7	47-10	1.00	112.2	25.00	40.00	6.16	93.32	15.68	14.51
G188-8	47-11	1.00	112.2	26.00	39.22	7.23	93.32	16.16	16.14
G189-9	47-12	1.00	112.0	25.00	40.00	6.16	93.33	7.78	17.78
G190-10	47-13	1.00	108.1	23.00	41.70	3.96	93.53	13.49	19.50
G191-11	47-14	1.00	109.4	21.00	43.64	1.84	93.46	9.67	21.14
G192-12	47-15	1.00	125.1	35.00	33.81	17.17	92.60	12.54	22.75
G193-13	47-16	1.00	118.3	26.00	39.22	7.33	93.00	19.56	24.50
G194-14	47-17	1.00	121.5	33.00	34.82	14.92	92.82	16.14	26.11
G195-15	47-18	1.00	112.6	34.00	34.30	15.81	93.30	17.90	27.75
G196-16	16-1	1.00	108.1	28.00	37.80	9.31	93.53	8.97	29.48
G197-17	16-2	1.00	109.9	32.00	35.36	13.62	93.44	15.91	31.12
G198-18	16-3	1.00	107.3	20.00	44.72	0.74	93.57	13.83	32.75
G199-19	16-4	1.00	104.9	32.00	35.36	13.53	93.68	7.43	34.38
G200-20	16-5	1.00	108.3	21.00	43.64	1.82	93.52	10.54	36.00
G201-21	16-6	1.00	106.0	28.00	37.80	9.27	93.63	6.74	37.64
G202-22	16-7	1.00	107.4	24.00	40.82	5.02	93.56	8.67	39.26
G203-23	16-8	1.00	112.5	29.00	37.14	10.45	93.31	17.18	40.91
G204-24	16-9	1.00	103.7	36.00	33.33	17.77	93.74	7.52	42.51
G205-25	16-10	1.00	107.1	34.00	34.30	15.70	93.58	10.66	44.17
G206-26	16-11	1.00	104.7	27.00	38.49	8.19	93.69	16.04	45.78
G207-27	16-12	1.00	104.8	32.00	35.36	13.53	93.69	11.57	47.42
G208-28	16-13	1.00	106.3	31.00	35.92	12.48	93.62	17.44	49.04
G209-29	16-14	1.00	109.6	26.00	39.22	7.19	93.45	18.75	50.69
G210-30	16-15	1.00	103.7	25.00	40.00	6.04	93.74	13.58	52.30
G211-31	16-16	1.00	104.6	32.00	35.36	13.52	93.70	14.69	53.96
G212-32	16-17	1.00	105.3	45.00	29.81	27.41	93.66	9.22	55.57
G213-33	16-18	1.00	116.8	69.00	24.08	53.50	93.08	14.25	57.22
G214-34	57-1	1.00	105.2	33.00	34.82	14.60	93.67	8.05	58.94
G215-35	57-2	1.00	107.4	33.00	34.82	14.64	93.57	6.49	60.58
G216-36	57-3	1.00	109.5	28.00	37.80	9.33	93.46	10.23	62.30
G217-37	57-4	1.00	106.1	19.00	45.88	-0.34	93.63	12.37	63.93
G218-38	57-5	1.00	106.6	29.00	37.14	10.35	93.60	8.74	65.54

PAGE: 2

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME	
				CPM	%ERROR					
G219	39	57-6	1.00	109.7	35.00	33.81	16.82	93.45	11.31	67.30
G220	40	57-7	1.00	113.2	101.00	19.90	87.66	93.27	4.65	68.92
G221	41	57-8	1.00	113.2	115.00	18.65	102.67	93.27	4.17	70.55
G222	42	57-9	1.00	110.7	58.00	26.26	41.47	93.40	5.19	72.17
G223	43	57-10	1.00	128.1	51.00	28.01	34.55	92.42	23.66	73.83
G224	44	57-11	1.00	121.9	48.00	28.87	31.10	92.79	18.04	75.46
G225	45	57-12	1.00	121.5	36.00	33.33	18.16	92.82	15.68	77.10
G226	46	57-13	1.00	117.3	73.00	23.41	57.82	93.05	11.11	78.72
G227	47	57-14	1.00	126.3	46.00	29.49	29.08	92.53	10.75	80.37
G228	48	57-15	1.00	121.4	41.00	31.23	23.54	92.82	18.27	82.00
G229	49	57-16	1.00	131.2	80.00	22.36	66.11	92.22	56.65	83.68
G230	50	57-17	1.00	116.2	65.00	24.81	49.18	93.11	8.37	85.30
G231	51	57-18	1.00	119.1	49.00	28.57	32.09	92.95	7.57	87.04
G232	52	25-1	1.00	117.7	34.00	34.30	15.92	93.03	6.01	88.76
G233	53	25-2	1.00	145.1	26.00	39.22	7.86	91.25	17.16	90.40
G234	54	25-3	1.00	109.3	25.00	40.00	6.12	93.47	7.14	92.02

55	25-4	G235	1.00	118.7	23.00	41.70	4.11	92.97	11.92	93.65
56	25-5	G236	1.00	128.9	41.00	31.23	23.76	92.37	27.88	95.28
57	25-6	G237	1.00	127.4	61.00	25.61	45.34	92.46	67.77	96.95
58	25-7	G238	1.00	108.5	26.00	39.22	7.17	93.51	15.34	98.57
59	25-8	G239	1.00	105.6	27.00	38.49	8.20	93.65	9.65	100.22
60	25-9	G240	1.00	107.0	35.00	33.81	16.77	93.58	27.30	101.84
61	25-10	G241	1.00	109.9	27.00	38.49	8.26	93.44	10.46	103.48
62	25-11	G242	1.00	114.3	26.00	39.22	7.26	93.21	15.78	105.10
63	25-12	G243	1.00	112.7	30.00	36.51	11.53	93.29	8.37	106.73
64	25-13	G244	1.00	108.0	32.00	35.36	13.58	93.53	7.35	108.35
65	25-14	G245	1.00	118.1	19.00	45.88	-0.20	93.00	19.08	109.98
66	25-15	G246	1.00	118.9	28.00	37.80	9.49	92.96	18.68	111.60
67	25-16	G247	1.00	115.3	21.00	43.64	1.91	93.16	17.14	113.25
68	25-17	G248	1.00	121.2	38.00	32.44	20.30	92.83	18.44	114.87
69	25-18	G249	1.00	111.2	26.00	39.22	7.22	93.37	25.72	116.53
70	38-1	G250	1.00	118.4	38.00	32.44	20.23	92.99	33.09	118.26
71	38-2	G251	1.00	111.7	30.00	36.51	11.51	93.35	12.93	119.90
72	38-3	G252	1.00	107.1	29.00	37.14	10.36	93.58	8.59	121.51
73	38-4	G253	1.00	101.1	33.00	34.82	14.53	93.86	5.37	123.16
74	38-5	G254	1.00	102.7	30.00	36.51	11.36	93.78	5.39	124.78
75	38-6	G255	1.00	99.1	23.00	41.70	3.85	93.95	8.95	126.42
76	38-7	G256	1.00	100.4	31.00	35.92	12.39	93.89	3.14	128.03
77	38-8	G257	1.00	101.6	16.00	50.00	-3.58	93.84	11.36	129.66
78	38-9	G258	1.00	102.2	22.00	42.64	2.82	93.81	8.45	131.28
79	38-10	G259	1.00	101.4	32.00	35.36	13.47	93.85	5.19	132.92
80	38-11	G260	1.00	105.5	62.00	25.40	45.57	93.65	5.43	134.53
81	38-12	G261	1.00	106.8	35.00	33.81	16.77	93.59	7.27	136.16
82	38-13	G262	1.00	116.4	27.00	38.49	8.37	93.10	16.81	137.90
83	38-14	G263	1.00	109.0	81.00	22.22	66.01	93.49	6.66	139.54
84	38-15	G264	1.00	104.2	36.00	33.33	17.78	93.71	7.48	141.15
85	38-16	G265	1.00	133.3	38.00	32.44	20.64	92.08	32.11	142.91
86	38-17	G266	1.00	134.2	39.00	32.03	21.75	92.02	38.81	144.54
87	38-18	G267	1.00	126.1	32.00	35.36	13.95	92.54	29.06	146.29
88	6-1	G268	1.00	114.5	32.00	35.36	13.70	93.20	18.97	148.00
89	6-2	G269	1.00	120.1	33.00	34.82	14.89	92.89	27.80	149.77
90	6-3	G270	1.00	130.3	39.00	32.03	21.63	92.28	29.00	151.39
91	6-4	G271	1.00	125.9	38.00	32.44	20.43	92.55	46.69	153.05
92	6-5	G272	1.00	128.0	31.00	35.92	12.91	92.43	47.60	154.68
93	6-6	G273	1.00	132.9	31.00	35.92	13.02	92.11	9.19	156.31
94	6-7	G274	1.00	134.1	36.00	33.33	18.49	92.03	6.56	158.03
95	6-8	G275	1.00	122.0	27.00	38.49	8.47	92.79	15.65	159.79
96	6-9	G276	1.00	118.2	25.00	40.00	6.25	93.00	6.74	161.39

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	PAGE: 3 ELAPSED TIME	
				CPM	%ERROR					
97	6-10	G277	1.00	133.0	30.00	36.51	11.94	92.11	33.02	163.06
98	6-11	G278	1.00	132.0	25.00	40.00	6.49	92.17	32.77	164.67
99	6-12	G279	1.00	124.8	47.00	29.17	30.11	92.62	56.18	166.34
100	6-13	G280	1.00	129.6	44.00	30.15	27.03	92.33	29.53	167.98
101	6-14	G281	1.00	129.8	35.00	33.81	17.28	92.31	54.98	169.63
102	6-15	G282	1.00	133.6	32.00	35.36	14.13	92.07	36.57	171.26
103	6-16	G283	1.00	107.8	34.00	34.30	15.72	93.54	12.08	172.90
104	6-17	G284	1.00	128.1	38.00	32.44	20.49	92.42	28.34	174.53
105	6-18	G285	1.00	122.5	23.00	41.70	4.17	92.76	17.56	176.17
106	10-1	G286	1.00	130.1	35.00	33.81	17.29	92.29	17.04	177.88
107	10-2	G287	1.00	124.2	30.00	36.51	11.75	92.66	31.60	179.54
108	10-3	G288	1.00	138.5	60.00	25.82	44.77	91.74	19.82	181.16
109	10-4	G289	1.00	126.3	58.00	26.26	42.05	92.53	15.83	182.80
110	10-5	G290	1.00	120.6	36.00	33.33	18.13	92.87	12.20	184.54
111	10-6	G291	1.00	107.9	28.00	37.80	9.30	93.54	12.99	186.19
112	10-7	G292	1.00	115.9	41.00	31.23	23.40	93.13	11.32	187.90

113	10-8	G293	1.00	115.2	26.00	39.22	7.28	93.16	15.11	189.43
114	10-9	G294	1.00	117.6	37.00	32.88	19.14	93.04	11.65	191.05
115	10-10	G295	1.00	103.8	26.00	39.22	7.11	93.73	8.90	192.70
116	10-11	G296	1.00	113.6	36.00	33.33	17.98	93.25	10.28	194.30
117	10-12	G297	1.00	105.4	27.00	38.49	8.20	93.66	8.96	195.95
118	10-13	G298	1.00	105.0	35.00	33.81	16.73	93.68	5.97	197.57
119	10-14	G299	1.00	119.4	45.00	29.81	27.79	92.93	10.12	199.30
120	10-15	G300	1.00	119.2	28.00	37.80	9.49	92.95	16.71	200.94
121	10-16	G301	1.00	123.3	30.00	36.51	11.73	92.71	26.29	202.59
122	10-17	G302	1.00	120.7	39.00	32.03	21.37	92.86	13.99	204.20
123	10-18	G303	1.00	110.1	24.00	40.82	5.06	93.43	9.57	205.85
124	31-1	G304	1.00	118.7	26.00	39.22	7.33	92.97	19.14	207.57
125	31-2	G305	1.00	123.9	34.00	34.30	16.06	92.67	13.02	209.22
126	31-3	G306	1.00	102.8	22.00	42.64	2.83	93.78	8.11	210.83
127	31-4	G307	1.00	120.9	32.00	35.36	13.83	92.85	22.58	212.47
128	31-5	G308	1.00	125.5	41.00	31.23	23.66	92.58	24.31	214.10
129	31-6	G309	1.00	118.3	44.00	30.15	26.68	93.00	15.28	215.74
130	31-7	G310	1.00	121.7	29.00	37.14	10.62	92.80	32.16	217.38
131	31-8	G311	1.00	119.4	27.00	38.49	8.42	92.93	11.88	219.01
132	31-9	G312	1.00	119.4	27.00	38.49	8.42	92.94	11.15	220.63
133	31-10	G313	1.00	118.1	39.00	32.03	21.30	93.00	15.74	222.27
134	31-11	G314	1.00	115.5	34.00	34.30	15.87	93.15	18.83	223.90
135	31-12	G315	1.00	126.3	39.00	32.03	21.52	92.53	24.87	225.55
136	31-13	G316	1.00	125.1	35.00	33.81	17.17	92.60	16.31	227.17
137	31-14	G317	1.00	130.4	39.00	32.03	21.64	92.27	17.67	228.82
138	31-15	G318	1.00	147.2	57.00	26.49	41.94	91.09	19.08	230.55
139	31-16	G319	1.00	139.4	69.00	24.08	54.64	91.67	29.77	232.22
140	31-17	G320	1.00	120.2	34.00	34.30	15.97	92.89	16.63	233.94
141	31-18	G321	1.00	129.0	26.00	39.22	7.52	92.36	21.73	235.59
142	39-1	G322	1.00	120.0	35.00	33.81	17.04	92.90	10.48	237.30
143	39-2	G323	1.00	125.5	22.00	42.64	3.13	92.58	22.62	238.95
144	39-3	G324	1.00	128.6	32.00	35.36	14.01	92.39	26.31	240.57
145	39-4	G325	1.00	130.9	37.00	32.88	19.48	92.24	14.80	242.22
146	39-5	G326	1.00	128.3	37.00	32.88	19.41	92.41	12.81	243.83
147	39-6	G327	1.00	129.0	29.00	37.14	10.77	92.37	20.99	245.48
148	39-7	G328	1.00	129.3	49.00	28.57	32.43	92.35	22.83	247.11
149	39-8	G329	1.00	114.5	20.00	44.72	0.83	93.20	15.99	248.74
150	39-9	G330	1.00	137.9	32.00	35.36	14.24	91.77	27.85	250.36
151	39-10	G331	1.00	127.7	32.00	35.36	13.99	92.45	23.46	252.01
152	39-11	G332	1.00	124.3	22.00	42.64	3.11	92.65	20.55	253.64
153	39-12	G333	1.00	123.0	32.00	35.36	13.88	92.73	14.27	255.29
154	39-13	G334	1.00	124.0	40.00	31.62	22.53	92.67	23.01	256.91

SAM NO	POS	TIME MIN	H#	14C		14C DFM	14C EFF-1	LUMEX %	PAGE: 4 ELAPSED TIME	
				CPM	%ERROR					
155	39-14	G335	1.00	130.5	34.00	34.30	16.22	92.27	20.37	258.57
156	39-15	G336	1.00	120.8	25.00	40.00	6.29	92.86	16.56	260.18
157	39-16	G337	1.00	126.5	28.00	37.80	9.63	92.52	20.66	261.84
158	39-17	G338	1.00	130.4	49.00	28.57	32.47	92.28	24.99	263.46
159	39-18	G339	1.00	125.0	37.00	32.88	19.32	92.61	18.88	265.10
160	14-1	G340	1.00	114.5	22.00	42.64	2.97	93.20	14.66	266.83
161	14-2	G341	1.00	127.7	38.00	32.44	20.48	92.44	26.10	268.47
162	14-3	G342	1.00	132.8	44.00	30.15	27.13	92.12	15.61	270.10
163	14-4	G343	1.00	129.6	33.00	34.82	15.11	92.33	21.49	271.74
164	14-5	G344	1.00	133.9	46.00	29.49	29.35	92.05	28.87	273.37
165	14-6	G345	1.00	128.3	32.00	35.36	14.00	92.41	25.82	275.02
166	14-7	G346	1.00	124.6	26.00	39.22	7.44	92.64	20.39	276.64
167	14-8	G347	1.00	124.5	33.00	34.82	14.99	92.64	23.79	278.29
168	14-9	G348	1.00	133.8	31.00	35.92	13.05	92.06	41.37	280.01
169	14-10	G349	1.00	119.8	16.00	50.00	-3.41	92.91	25.24	281.67
170	14-11	G350	1.00	138.0	58.00	26.26	42.57	91.77	36.25	283.30

171	14-12	G351	1.00	143.2	90.00	21.08	77.84	91.40	61.75	284.99
172	14-13	G352	1.00	122.4	25.00	40.00	6.32	92.76	5.89	286.59
173	14-14	G353	1.00	131.1	18.00	47.14	-1.11	92.23	7.71	288.23
174	14-15	G354	1.00	124.4	45.00	29.81	27.94	92.65	18.07	289.96
175	14-16	G355	1.00	132.2	35.00	33.81	17.35	92.16	41.49	291.72
176	14-17	G356	1.00	125.1	36.00	33.33	18.25	92.60	17.25	293.34
177	14-18	G357	1.00	114.3	27.00	38.49	8.34	93.21	13.01	294.99
178	7-1	G358	1.00	132.5	31.00	35.92	13.01	92.14	44.16	296.71
179	7-2	G359	1.00	123.7	79.00	22.50	64.60	92.69	10.47	298.36
180	7-3	G360	1.00	133.8	61.00	25.61	45.64	92.05	25.01	300.00
181	7-4	G361	1.00	136.0	52.00	27.74	35.95	91.91	46.38	301.65
182	7-5	G362	1.00	139.8	30.00	36.51	12.11	91.64	7.79	303.28
183	7-6	G363	1.00	119.5	36.00	33.33	18.11	92.93	5.71	305.02
184	7-7	G364	1.00	133.7	73.00	23.41	58.66	92.06	61.70	306.68
185	7-8	G365	1.00	135.0	88.00	21.32	75.05	91.97	60.54	308.35
186	7-9	G366	1.00	133.9	54.00	27.22	38.04	92.05	31.96	309.99
187	7-10	G367	1.00	122.2	29.00	37.14	10.63	92.78	35.06	311.64
188	7-11	G368	1.00	125.9	53.00	27.47	36.63	92.56	26.20	313.38
189	7-12	G369	1.00	123.9	33.00	34.82	14.98	92.67	17.74	315.02
190	7-13	G370	1.00	133.3	35.00	33.81	17.38	92.09	49.54	316.65
191	7-14	G371	1.00	139.1	73.00	23.41	58.99	91.69	45.50	318.43
192	7-15	G372	1.00	119.1	33.00	34.82	14.87	92.95	18.76	320.05
193	7-16	G373	1.00	133.5	44.00	30.15	27.16	92.08	36.88	321.80
194	7-17	G374	1.00	127.3	22.00	42.64	3.16	92.47	36.85	323.44
195	7-18	G375	1.00	121.1	35.00	33.81	17.07	92.84	22.40	325.09
196	52-1	G376	1.00	124.0	33.00	34.82	14.98	92.67	19.18	326.80
197	52-2	G377	1.00	125.6	55.00	26.97	38.78	92.57	52.32	328.48
198	52-3	G378	1.00	130.4	50.00	28.28	33.55	92.28	48.83	330.23

22 MAY 2009 06:

ID: 64780

USER:10

COMMENT:SWIPES

PRESET TIME : 1.00

DATA CALC : SL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : 5
 COUNT BLANK : NO IC# : NO REPLICATES : 1 RS232 : 0
 TWO PHASE : NO AQC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low: 0.010 High:325.27

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
1	57-1	1.00	86.3	28.00	37.80	29.76	94.09	0.37	1.54
2	57-2	1.00	86.4	28.00	37.80	29.76	94.09	0.41	3.12
MISSING SAMPLE									
Room B - 4	57-4 ⁸⁶¹	1.00	99.4	41.00	31.23	43.85	93.49	3.16	4.76
5	57-5 ⁸⁶²	1.00	98.2	56.00	26.73	59.86	93.55	2.51	6.36
6	57-6 ⁸⁶³	1.00	96.7	39.00	32.03	41.66	93.62	2.93	7.99
Room E - 7	57-7	1.00	100.3	27.00	38.49	28.89	93.45	3.18	9.69
8	57-8	1.00	101.0	29.00	37.14	31.05	93.41	5.44	11.33
9	57-9	1.00	97.6	30.00	36.51	32.06	93.58	4.69	12.92
10	57-10	1.00	102.5	31.00	35.92	33.21	93.34	5.12	14.56
11	57-11	1.00	102.4	49.00	28.57	52.50	93.34	5.25	16.27
12	57-12	1.00	104.1	58.00	26.26	62.19	93.26	4.05	17.91
13	57-13	1.00	102.5	84.00	21.82	90.00	93.34	3.28	19.53
14	57-14	1.00	89.2	38.00	32.44	40.44	93.97	0.43	21.16
15	57-15	1.00	88.2	40.00	31.62	42.55	94.01	0.43	22.77
16	57-16	1.00	107.6	116.00	18.57	124.63	93.07	2.06	24.41
17	57-17	1.00	103.0	119.00	18.33	127.53	93.31	1.49	26.01
18	57-18	1.00	109.5	104.00	19.61	111.86	92.98	2.27	27.65
19	6-1	1.00	109.9	130.00	17.54	139.85	92.95	1.66	29.36
20	6-2	1.00	108.8	73.00	23.41	78.49	93.01	3.45	31.10
21	6-3	1.00	109.5	137.00	17.09	147.35	92.98	1.90	32.71
22	6-4	1.00	108.1	41.00	31.23	44.06	93.05	6.87	34.34
23	6-5	1.00	88.3	37.00	32.88	39.36	94.01	0.29	36.06
24	6-6	1.00	89.7	30.00	36.51	31.93	93.95	0.40	37.68
25	6-7	1.00	104.7	38.00	32.44	40.76	93.22	3.32	39.29
26	6-8	1.00	104.1	42.00	30.86	45.04	93.26	4.23	41.03
27	6-9	1.00	103.3	56.00	26.73	60.02	93.30	2.76	42.64
28	6-10	1.00	100.9	27.00	38.49	28.90	93.42	4.10	44.38
29	6-11	1.00	104.3	78.00	22.65	83.65	93.25	6.23	45.98
Room E - 30	6-12	1.00	101.1	83.00	21.95	88.86	93.41	2.64	47.62
Room G - 31	378 6-13	1.00	85.2	19.00	45.88	20.18	94.14	0.52	49.22
32-1	6-14	1.00	86.0	25.00	40.00	26.57	94.11	0.37	50.85
33-2	6-15	1.00	97.9	48.00	28.87	51.30	93.56	2.44	52.46
34-3	6-16	1.00	99.4	65.00	24.81	69.52	93.49	2.54	54.09
35-4	6-17	1.00	102.9	42.00	30.86	45.01	93.32	3.01	55.69
36-5	6-18	1.00	102.5	74.00	23.25	79.28	93.34	2.01	57.33
37-6	30-1	1.00	103.6	44.00	30.15	47.17	93.28	3.81	59.04
38-7	30-2	1.00	105.4	40.00	31.62	42.92	93.19	6.19	60.68
39-8	30-3	1.00	105.3	43.00	30.50	46.14	93.20	5.31	62.28
40-9	30-4	1.00	108.2	73.00	23.41	78.46	93.04	4.59	63.93
41-10	30-5	1.00	103.4	26.00	39.22	27.87	93.29	6.77	65.54
Room G - 42	11 30-6	1.00	100.4	44.00	30.15	47.09	93.44	3.10	67.28

Room B

Room E

Room E

Room G

Ceiling

Room G

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME	
				CPM	%ERROR					
43	30-7	612	1.00	102.4	34.00	34.30	36.42	93.34	4.26	68.89
44	30-8	613	1.00	102.6	55.00	26.97	58.93	93.33	2.45	70.53
45	30-9	614	1.00	103.4	78.00	22.65	83.61	93.29	2.06	72.25
46	30-10	615	1.00	114.7	98.00	20.20	105.73	92.69	3.24	73.89
47	30-11	616	1.00	102.5	97.00	20.31	103.92	93.34	1.16	75.49
48	30-12	617	1.00	106.1	38.00	32.44	40.79	93.15	6.78	77.13
49	30-13	618	1.00	102.0	62.00	25.40	66.41	93.36	2.24	78.74
50	30-14	619	1.00	87.5	35.00	33.81	37.22	94.04	0.26	80.37
51	30-15	620	1.00	86.3	23.00	41.70	24.44	94.10	0.34	81.98
52	30-16	621	1.00	101.8	31.00	35.92	33.20	93.37	5.50	83.61
53	30-17	622	1.00	100.4	38.00	32.44	40.67	93.44	2.39	85.22
54	30-18	623	1.00	105.9	38.00	32.44	40.79	93.16	14.63	86.87
55	48-1	624	1.00	101.4	24.00	40.82	25.70	93.39	5.27	88.70
56	48-2	625	1.00	101.8	39.00	32.03	41.77	93.37	3.85	90.33
57	48-3	626	1.00	102.3	45.00	29.81	48.21	93.35	3.13	92.05
58	48-4	627	1.00	101.9	45.00	29.81	48.20	93.37	3.82	93.78
59	48-5	628	1.00	106.5	62.00	25.40	66.57	93.13	4.94	95.40
60	48-6	629	1.00	103.1	54.00	27.22	57.87	93.31	3.48	97.04
61	48-7	630	1.00	104.7	51.00	28.01	54.71	93.23	2.80	98.76
62	48-8	631	1.00	111.0	54.00	27.22	58.13	92.89	7.18	100.50
63	48-9	632	1.00	102.9	34.00	34.30	36.43	93.32	7.43	102.11
64	48-10	633	1.00	102.6	35.00	33.81	37.50	93.33	4.68	103.76
65	48-11	634	1.00	104.2	27.00	38.49	28.95	93.25	8.16	105.36
66	48-12	635	1.00	101.1	36.00	33.33	38.54	93.41	4.62	106.99
67	48-13	636	1.00	86.4	28.00	37.80	29.76	94.09	0.36	108.60
68	48-14	637	1.00	85.3	45.00	29.81	47.80	94.14	0.28	110.24
69	48-15	638	1.00	99.9	55.00	26.97	58.84	93.47	2.60	111.85
70	48-16	639	1.00	101.0	34.00	34.30	36.40	93.41	3.35	113.49
71	48-17	640	1.00	112.5	50.00	28.28	53.87	92.81	5.88	115.10
72	48-18		1.00	126.1	51.00	28.01	55.43	92.00	11.89	116.75
73	39-1		1.00	107.5	39.00	32.03	41.90	93.08	6.41	118.46
74	39-2		1.00	114.8	49.00	28.57	52.87	92.68	8.30	120.10

30m G
↓

30m G
↑
30m H
↓

ID#BLDG A

25 MAY 2009 13:41

USER:10

COMMENT:ROOM 6 CEILING

PRESET TIME : 1.00
 DATA CALC : SL DPM H# :YES SAMPLE REPEATS: 1 PRINTER : STD
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 TWO PHASE : NO AGC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low: 0.010 High:325.27

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
B1	57-1	1.00	88.2	37.00	32.88	39.36	94.01	0.34	1.62
B2	57-2	1.00	87.9	27.00	38.49	28.72	94.03	0.40	3.22
Blank Average				DPM	for	14C :	34.04	COEF. OF VAR:	22.107
41	-1 57-4	1.00	101.8	43.00	30.50	12.01	93.37	2.54	4.86
42	-2 57-5	1.00	114.2	67.00	24.43	38.23	92.72	4.14	6.46
43	-3 57-6	1.00	86.4	38.00	32.44	6.35	94.09	0.31	8.09
44	-4 57-7	1.00	100.7	55.00	26.97	24.83	93.43	2.42	9.71
45	-5 57-8	1.00	104.0	38.00	32.44	6.71	93.26	3.87	11.33
46	-6 57-9	1.00	87.8	31.00	35.92	-1.07	94.03	0.33	12.94
47	-7 57-10	1.00	126.9	67.00	24.43	38.83	91.95	7.58	14.58
48	-8 57-11	1.00	105.2	46.00	29.49	15.32	93.20	2.92	16.19
49	-9 57-12	1.00	111.9	47.00	29.17	16.59	92.85	7.13	17.93
50	-10 57-13	1.00	103.6	68.00	24.25	38.86	93.28	3.68	19.55
51	-11 57-14	1.00	90.5	44.00	30.15	12.82	93.91	0.33	21.17
52	-12 57-15	1.00	89.5	40.00	31.62	8.54	93.95	0.38	22.79
53	-13 57-16	1.00	108.7	123.00	18.03	98.20	93.02	1.67	24.43
54	-14 57-17	1.00	104.0	90.00	21.08	62.47	93.26	1.65	26.04
55	-15 57-18	1.00	110.4	111.00	18.98	85.41	92.93	1.93	27.66
56	-16 31-1	1.00	112.5	169.00	15.38	148.06	92.81	1.36	29.50
57	-17 31-2	1.00	122.0	79.00	22.50	51.59	92.26	1.51	31.12
58	-18 31-3	1.00	117.7	44.00	30.15	13.52	92.52	2.68	32.73
59	-19 31-4	1.00	113.0	56.00	26.73	26.32	92.78	2.60	34.38
60	-20 31-5	1.00	124.9	38.00	32.44	7.23	92.08	3.12	35.99
61	-21 31-6	1.00	118.0	64.00	25.00	35.15	92.50	3.16	37.62
62	-22 31-7	1.00	114.2	39.00	32.03	8.03	92.72	2.19	39.33
63	-23 31-8	1.00	107.5	54.00	27.22	23.98	93.08	1.36	40.96
64	-24 31-9	1.00	110.6	59.00	26.04	29.46	92.92	1.66	42.57
65	-25 31-10	1.00	112.5	47.00	29.17	16.60	92.81	3.34	44.21
66	-26 31-11	1.00	106.0	30.00	36.51	-1.83	93.16	2.63	45.81
67	-27 31-12	1.00	112.8	59.00	26.04	29.54	92.79	2.48	47.44
68	-28 31-13	1.00	116.1	66.00	24.62	37.23	92.61	1.39	49.16
69	-29 31-14	1.00	110.2	100.00	20.00	73.56	92.94	1.29	50.79
70	-30 31-15	1.00	108.8	42.00	30.86	11.12	93.01	2.42	52.41
71	-31 31-16	1.00	116.3	47.00	29.17	16.72	92.60	4.45	54.15
72	-32 31-17	1.00	109.1	40.00	31.62	8.98	92.99	2.20	55.86
73	-33 31-18	1.00	111.3	45.00	29.81	14.41	92.88	2.67	57.49
74	-34 38-1	1.00	133.9	58.00	26.26	29.36	91.49	8.14	59.21
75	-35 38-2	1.00	118.2	59.00	26.04	29.76	92.49	2.82	60.84
76	-36 38-3	1.00	138.7	47.00	29.17	17.53	91.15	5.07	62.46
77	-37 38-4	1.00	109.7	154.00	16.12	131.62	92.96	1.05	64.11
78	-38 38-5	1.00	110.6	61.00	25.61	31.62	92.91	4.95	65.72

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CFM	%ERROR				
79-39	38-6	1.00	114.0	45.00	29.81	14.49	92.73	2.22	67.37
40	38-7	1.00	115.2	32.00	35.36	0.50	92.66	3.10	69.08
41	38-8	1.00	118.3	38.00	32.44	7.05	92.48	4.45	70.71
82-42	38-9	1.00	112.2	83.00	21.95	55.38	92.83	2.58	72.43
83-43	38-10	1.00	122.9	73.00	23.41	45.13	92.21	1.03	74.05
84-44	38-11	1.00	127.2	49.00	28.57	19.26	91.93	3.36	75.68
85-45	38-12	1.00	119.5	60.00	25.82	30.89	92.41	2.81	77.31
86-46	38-13	1.00	115.6	67.00	24.43	38.29	92.64	2.28	78.91
87-47	38-14	1.00	118.0	71.00	23.74	42.72	92.50	2.08	80.54
88-48	38-15	1.00	112.2	51.00	28.01	20.90	92.83	2.32	82.16
89-49	38-16	1.00	118.1	45.00	29.81	14.62	92.49	3.99	83.79
90-50	38-17	1.00	118.0	58.00	26.26	28.67	92.50	3.81	85.39
91-51	38-18	1.00	122.4	49.00	28.57	19.09	92.24	4.52	87.03
92-52	3-1	1.00	111.9	69.00	24.08	40.28	92.85	1.83	88.84
93-53	3-2	1.00	111.4	47.00	29.17	16.57	92.87	2.16	90.47
94-54	3-3	1.00	118.6	47.00	29.17	16.79	92.47	3.23	92.10
95-55	3-4	1.00	115.6	51.00	28.01	21.02	92.64	1.95	93.73
96-56	3-5	1.00	117.3	70.00	23.90	41.61	92.54	2.31	95.34
97-57	3-6	1.00	111.2	34.00	34.30	2.57	92.88	2.95	96.97
98-58	3-7	1.00	137.8	55.00	26.97	26.26	91.22	5.40	98.60
99-59	3-8	1.00	121.2	49.00	28.57	19.05	92.31	4.15	100.33
100-60	3-9	1.00	127.6	50.00	28.28	20.37	91.91	6.04	101.95
101-61	3-10	1.00	102.7	47.00	29.17	16.32	93.33	3.07	103.60
102-62	3-11	1.00	117.3	43.00	30.50	12.43	92.54	6.52	105.32
103-63	3-12	1.00	100.9	54.00	27.22	23.77	93.42	1.45	106.94
104-64	3-13	1.00	106.7	46.00	29.49	15.36	93.12	11.38	108.57
105-65	3-14	1.00	87.6	22.00	42.64	-10.64	94.04	0.31	110.19
106-66	3-15	1.00	103.7	44.00	30.15	13.13	93.28	3.70	111.81
107-67	3-16	1.00	87.4	31.00	35.92	-1.07	94.05	0.26	113.54
108-68	3-17	1.00	104.9	39.00	32.03	7.80	93.21	7.22	115.14
109-69	3-18	1.00	103.6	50.00	28.28	19.57	93.28	3.05	116.78
110-70	**1	1.00	103.8	43.00	30.50	12.07	93.27	4.59	118.49
111-71	**2	1.00	101.8	14.00	53.45	-19.04	93.37	6.95	120.13
112-72	**3	1.00	98.6	38.00	32.44	6.59	93.53	4.68	121.74
113-73	**4	1.00	101.8	74.00	23.25	45.22	93.37	1.97	123.37
114-74	**5	1.00	101.0	25.00	40.00	-7.27	93.41	5.12	124.98
115-75	**6	1.00	102.2	42.00	30.86	10.95	93.35	6.87	126.63
116-76	**7	1.00	99.2	34.00	34.30	2.33	93.50	3.24	128.34
117-77	**8	1.00	100.5	35.00	33.81	3.42	93.44	3.88	129.97
118-78	**9	1.00	100.0	40.00	31.62	8.76	93.46	2.45	131.70
119-79	**10	1.00	96.8	30.00	36.51	-1.99	93.61	3.82	133.32
120-80	**11	1.00	103.0	40.00	31.62	8.83	93.31	4.73	134.95
121-81	**12	1.00	105.6	130.00	17.54	105.48	93.18	1.37	136.58
122-82	**13	1.00	120.3	65.00	24.81	36.34	92.36	5.58	138.20
123-83	**14	1.00	112.1	77.00	22.79	48.91	92.84	2.82	139.83
124-84	**15	1.00	111.1	44.00	30.15	13.33	92.89	4.33	141.44
125-85	**16	1.00	115.1	43.00	30.50	12.37	92.67	8.36	143.20
126-86	**17	1.00	108.8	72.00	23.57	43.37	93.01	2.77	144.81
127-87	**18	1.00	89.1	29.00	37.14	-3.18	93.97	0.84	146.43
128-88	6-1	1.00	110.4	133.00	17.34	109.09	92.93	1.45	148.24
129-89	6-2	1.00	109.1	69.00	24.08	40.16	93.00	3.44	149.98
130-90	6-3	1.00	108.8	138.00	17.03	114.33	93.01	1.71	151.60
91	6-4	1.00	112.0	57.00	26.49	27.36	92.84	4.40	153.23
92	6-5	1.00	87.6	22.00	42.64	-10.64	94.04	0.44	154.83
133-93	6-6	1.00	88.8	26.00	39.22	-6.37	93.99	0.34	156.57
134-94	6-7	1.00	107.1	53.00	27.47	22.89	93.10	2.17	158.17
135-95	6-8	1.00	105.2	34.00	34.30	2.44	93.20	4.62	159.81
136-96	6-9	1.00	104.4	52.00	27.74	21.73	93.24	2.61	161.43

SAM NO	POS	TIME MIN	H#	14C		14C DFM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
137-97	6-10	1.00	102.4	34.00	34.30	2.39	93.34	3.18	163.07
98	6-11	1.00	104.7	70.00	23.90	41.05	93.22	6.22	164.70
99	6-12	1.00	103.0	96.00	20.41	68.84	93.31	2.28	166.32
140-100	6-13	1.00	85.7	21.00	43.64	-11.72	94.12	0.42	167.93
141-101	6-14	1.00	86.6	21.00	43.64	-11.72	94.08	0.38	169.55
142-102	6-15	1.00	98.1	41.00	31.23	9.79	93.55	2.73	171.18
143-103	6-16	1.00	98.8	51.00	28.01	20.50	93.52	2.80	172.81
144-104	6-17	1.00	102.3	38.00	32.44	6.67	93.35	2.70	174.42
145-105	6-18	1.00	103.0	69.00	24.08	39.91	93.31	2.39	176.06
146-106	48-1	1.00	101.9	32.00	35.36	0.24	93.37	3.72	177.78
147-107	48-2	1.00	102.2	35.00	33.81	3.46	93.35	3.75	179.51
148-108	48-3	1.00	102.7	47.00	29.17	16.32	93.33	2.53	181.13
149-109	48-4	1.00	101.7	38.00	32.44	6.66	93.38	3.84	182.87
150-110	48-5	1.00	107.0	42.00	30.86	11.07	93.11	6.76	184.48
151-111	48-6	1.00	102.0	55.00	26.97	24.87	93.36	3.24	186.12
152-112	48-7	1.00	111.9	46.00	29.49	15.51	92.84	3.61	187.73
153-113	48-8	1.00	118.6	58.00	26.26	28.69	92.46	3.82	189.38
154-114	48-9	1.00	103.3	29.00	37.14	-2.95	93.30	6.59	190.99
155-115	48-10	1.00	104.5	44.00	30.15	13.16	93.23	3.11	192.73
156-116	48-11	1.00	105.0	44.00	30.15	13.17	93.21	5.12	194.34
157-117	48-12	1.00	120.5	60.00	25.82	30.94	92.35	5.37	196.08
158-118	48-13	1.00	121.2	49.00	28.57	19.05	92.31	5.43	197.70
159-119	48-14	1.00	106.6	38.00	32.44	6.77	93.13	4.93	199.33
160-120	48-15	1.00	114.2	59.00	26.04	29.60	92.72	2.48	200.94
161-121	48-16	1.00	123.0	52.00	27.74	22.36	92.20	7.63	202.70
162-122	48-17	1.00	107.5	37.00	32.88	5.71	93.08	5.11	204.31
163-123	48-18	1.00	122.7	72.00	23.57	44.04	92.22	4.56	206.05
24	39-1	1.00	108.9	44.00	30.15	13.27	93.01	5.12	207.76
165-125	39-2	1.00	116.6	45.00	29.81	14.57	92.58	6.48	209.41
166-126	39-3	1.00	115.5	110.00	19.07	84.70	92.64	2.68	211.03
167-127	39-4	1.00	103.6	76.00	22.94	47.44	93.28	1.48	212.76
168-128	39-5	1.00	105.7	46.00	29.49	15.33	93.18	3.28	214.36
169-129	39-6	1.00	102.4	35.00	33.81	3.46	93.34	3.30	215.99
170-130	39-7	1.00	104.8	49.00	28.57	18.53	93.22	4.66	217.61
171-131	39-8	1.00	110.7	67.00	24.43	38.08	92.91	3.71	219.24
172-132	39-9	1.00	103.2	35.00	33.81	3.48	93.30	3.82	220.86
173-133	39-10	1.00	105.3	33.00	34.82	1.37	93.20	5.53	222.50
174-134	39-11	1.00	102.9	42.00	30.86	10.97	93.32	3.40	224.11
175-135	39-12	1.00	102.7	44.00	30.15	13.11	93.33	2.81	225.74
176-136	39-13	1.00	100.2	45.00	29.81	14.12	93.45	2.85	227.36
177-137	39-14	1.00	100.4	48.00	28.87	17.33	93.44	2.52	229.00
178-138	39-15	1.00	100.5	46.00	29.49	15.19	93.44	2.55	230.61
179-139	39-16	1.00	102.6	44.00	30.15	13.11	93.33	2.49	232.24
180-140	39-17	1.00	102.9	38.00	32.44	6.68	93.32	4.08	233.86
181-141	39-18	1.00	100.8	46.00	29.49	15.20	93.42	3.04	235.50
182-142	29-1	1.00	104.2	52.00	27.74	21.73	93.25	4.67	237.21
183-143	29-2	1.00	103.4	156.00	16.01	133.18	93.29	1.08	238.85
184-144	29-3	1.00	118.9	46.00	29.49	15.72	92.45	5.93	240.56
185-145	29-4	1.00	115.7	50.00	28.28	19.94	92.63	3.47	242.21
186-146	29-5	1.00	104.3	68.00	24.25	38.89	93.25	3.60	243.91
187-147	29-6	1.00	103.2	61.00	25.61	31.34	93.30	2.34	245.66
188-148	29-7	1.00	113.8	75.00	23.09	46.84	92.74	4.66	247.28
49	29-8	1.00	109.2	80.00	22.36	51.99	92.99	2.55	249.01
50	29-9	1.00	129.4	46.00	29.49	16.08	91.79	6.97	250.63
191-151	29-10	1.00	127.4	56.00	26.73	26.88	91.92	9.04	252.37
192-152	29-11	1.00	117.2	44.00	30.15	13.51	92.54	3.15	253.98
193-153	29-12	1.00	109.0	81.00	22.22	53.06	93.00	3.04	255.61
194-154	29-13	1.00	108.7	45.00	29.81	14.34	93.02	3.40	257.33

SAM NO	POS	TIME MIN	H#	<u>14C</u>		14C	14C	LUMEX %	ELAPSED TIME	
				CPM	%ERROR	DPM	EFF-1			
195	-155	29-14	1.00	109.8	51.00	28.01	20.83	92.96	2.66	258.98
196	56	29-15	1.00	90.6	29.00	37.14	-3.15	93.90	0.20	260.57
197	157	29-16	1.00	89.3	31.00	35.92	-1.04	93.96	0.19	262.21
198	-158	29-17	1.00	111.1	47.00	29.17	16.56	92.89	2.63	263.83
199	-159	29-18	1.00	112.4	70.00	23.90	41.38	92.82	2.88	265.56
200	-160	14-1	1.00	142.8	73.00	23.41	46.32	90.85	1.46	267.27
201	-161	14-2	1.00	109.7	36.00	33.33	4.69	92.97	7.89	268.91
202	-162	14-3	1.00	120.1	52.00	27.74	22.26	92.38	8.32	270.53
203	-163	14-4	1.00	117.3	49.00	28.57	18.91	92.54	6.43	272.18
204	-164	14-5	1.00	129.3	45.00	29.81	14.98	91.80	10.67	273.91
205	-165	14-6	1.00	111.9	94.00	20.63	67.21	92.84	1.50	275.63

109	110	111	112	113	114	115	116
101	102	103	104	105	106	107	108
93	94	95	96	97	98	99	100

Room Survey Date: 25 July 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

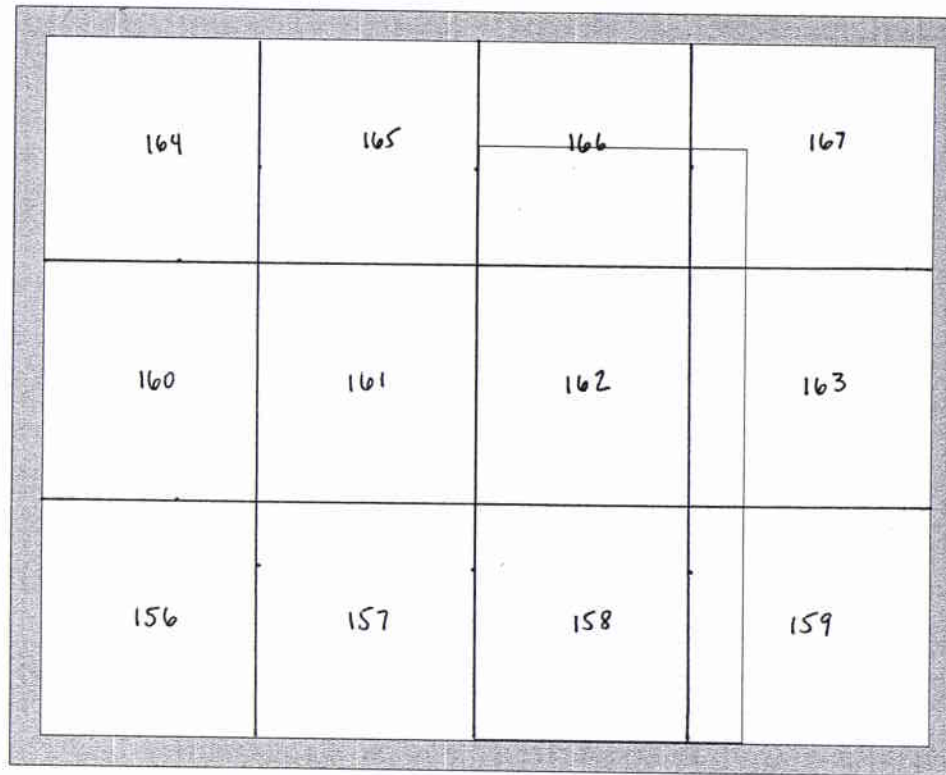
S/N: PR276541

Survey Readings: <100 cpm

39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm



Room Survey Date: 25 July 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

S/N: PR276541

Survey Readings: <100 cpm

152	153	154	155
148	149	150	151
144	145	146	147

Room Survey Date: 25 July 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

S/N: PR276541

Survey Readings: <100 cpm

141	142	143
138	139	140
135	136	137

Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

129	130	131	132	133	134
123	124	125	126	127	128
117	118	119	120	121	122

Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

Building A Room G West Wall

54	55	56	57	80	81	82	83	84	85	86	87	88	89	90	91	92
35	36	37	38	67	68	69	70	71	72	73	74	75	76	77	78	79
16	17	18	19	54	55	56	57	58	59	60	61	62	63	64	65	66

Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

Building A Room G Floor

South



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	
76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	
91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	
106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	
					121	122	123	124	125	126	127	128	129	130	
					131	132	133	134	135	136	137	138	139	140	
141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	
					156	157	158	159	160	161	162	163	164	165	166
					167	168	169	170	171	172	173	174	175	176	177
					178	179	180	181	182	183	184	185	186	187	188
										189	190	191	192	193	194
										195	196	197	198	199	200
										201	202	203	204	205	206

Room Survey Date: 25 July 2009
 Surveyor: Tom Sanders
 Ludlum Model 3 Survey Meter
 S/N: 258504
 Cal Date: 04 March 2009
 Ludlum Probe Model 44-9
 S/N: PR276541

Survey Readings: <100 cpm

Building A Room G Ceiling

South

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	
76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	
91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	
106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	
						121	122	123	124	125	126	127	128	129	130
						131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	
					156	157	158	159	160	161	162	163	164	165	166
					167	168	169	170	171	172	173	174	175	176	177
					178	179	180	181	182	183	184	185	186	187	188
										189	190	191	192	193	194
										195	196	197	198	199	200
										201	202	203	204	205	206



Room Survey Date: 25 July 2009
 Surveyor: Tom Sanders
 Ludlum Model 3 Survey Meter
 S/N: 258504
 Cal Date: 04 March 2009
 Ludlum Probe Model 44-9
 S/N: PR276541

Survey Readings: <100 cpm

BLDG A ROOM H		ROOM H			
Control	<200 dpm	H41	<200 dpm	H84	<200 dpm
Control	<200 dpm	H42	<200 dpm	H85	<200 dpm
Blank	0 dpm	H43	<200 dpm	H86	<200 dpm
H1	<200 dpm	H44	<200 dpm	H87	<200 dpm
H2	<200 dpm	H45	<200 dpm	H88	<200 dpm
H3	<200 dpm	H46	<200 dpm	H89	<200 dpm
H4	<200 dpm	H47	<200 dpm	H90	<200 dpm
H5	<200 dpm	H48	<200 dpm	H91	<200 dpm
H6	<200 dpm	H49	<200 dpm	H92	<200 dpm
H7	<200 dpm	H50	<200 dpm	H93	<200 dpm
H8	<200 dpm	H51	<200 dpm	H94	<200 dpm
H9	<200 dpm	H52	<200 dpm		
H10	<200 dpm	H53	<200 dpm		
H11	<200 dpm	H54	<200 dpm		
H12	<200 dpm	H55	<200 dpm		
H13	<200 dpm	H56	<200 dpm		
H14	<200 dpm	H57	<200 dpm		
H15	<200 dpm	H58	<200 dpm		
H16	<200 dpm	H59	<200 dpm		
H17	<200 dpm	H60	<200 dpm		
H18	<200 dpm	H61	<200 dpm		
H19	<200 dpm	H62	<200 dpm		
H20	<200 dpm	H63	<200 dpm		
H21	<200 dpm	H64	<200 dpm		
H22	<200 dpm	H65	<200 dpm		
H23	<200 dpm	H66	<200 dpm		
H24	<200 dpm	H67	<200 dpm		
H25	<200 dpm	H68	<200 dpm		
H26	<200 dpm	H69	<200 dpm		
H27	<200 dpm	H70	<200 dpm		
H28	<200 dpm	H71	<200 dpm		
H29	<200 dpm	H72	<200 dpm		
H30	<200 dpm	H73	<200 dpm		
H31	<200 dpm	H74	<200 dpm		
H32	<200 dpm	H75	<200 dpm		
H33	<200 dpm	H76	<200 dpm		
H34	<200 dpm	H77	<200 dpm		
H35	<200 dpm	H78	<200 dpm		
H36	<200 dpm	H79	<200 dpm		
H37	<200 dpm	H80	<200 dpm		
H38	<200 dpm	H81	<200 dpm		
H39	<200 dpm	H82	<200 dpm		
H40	<200 dpm	H83	<200 dpm		

ID:BLDG

A RMH

20 MAY 2009 14:4

USER:17

COMMENT:BLDG A Room H Swipes

PRESET TIME : 1.00

DATA CALC : SL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : ST
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OF
 TWO PHASE : NO AQC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low:-0.313 High:326.03

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
B1	13-1	1.00	125.8	38.00	32.44	41.05	92.56	30.15	1.57
B2	13-2	1.00	117.3	43.00	30.50	46.21	93.05	24.26	2.17
B3	13-3	1.00	134.4	65.00	24.81	70.64	92.01	38.11	4.80
B4	13-4	1.00	121.4	29.00	37.14	31.24	92.82	34.24	6.44
B5	13-5	1.00	125.6	49.00	28.57	52.93	92.58	27.90	8.06
B6	13-6	1.00	127.6	26.00	39.22	28.12	92.45	18.58	9.68
B7	13-7	1.00	161.6	178.00	14.99	198.04	89.88	77.72	11.48
B8	13-8	1.00	133.8	51.00	28.01	55.40	92.05	50.20	13.25
B9	13-9	1.00	127.3	45.00	29.81	48.56	92.47	34.34	14.87
B10	13-10	1.00	129.4	43.00	30.50	46.57	92.34	34.16	16.51
B11	13-11	1.00	128.6	34.00	34.30	36.80	92.39	39.65	18.25
B12	13-12	1.00	123.4	34.00	34.30	36.68	92.70	27.34	19.90
B13	13-13	1.00	132.3	37.00	32.88	40.15	92.15	30.82	21.53
B14	13-14	1.00	143.2	55.00	24.97	60.18	91.39	40.22	23.20
B15	13-15	1.00	137.3	43.00	30.50	46.83	91.82	46.49	24.83
B16	13-16	1.00	142.5	34.00	34.30	37.18	91.45	29.42	26.60
B17	13-17	1.00	143.7	33.00	34.82	36.12	91.36	28.25	28.22
B18	13-18	1.00	129.9	31.00	35.92	33.58	92.31	18.21	29.85
B19	47-1	1.00	121.2	28.00	37.80	30.16	92.84	18.04	31.57
B20	47-2	1.00	121.7	35.00	33.81	37.71	92.80	8.60	33.21
B21	47-3	1.00	118.1	28.00	37.80	30.10	93.01	8.70	34.83
B22	47-4	1.00	130.4	22.00	42.64	23.84	92.28	11.47	36.48
B23	47-5	1.00	131.5	44.00	30.15	47.72	92.20	25.12	38.11
B24	47-6	1.00	138.0	37.00	32.88	40.32	91.77	23.20	37.76
B25	47-7	1.00	123.5	32.00	35.36	34.52	92.70	20.94	41.37
B26	47-8 H1	1.00	99.9	28.00	37.80	29.81	93.92	11.08	43.01
B27	47-9 H2	1.00	106.3	26.00	39.22	27.77	93.62	11.01	44.74
B28	47-10 H3	1.00	106.1	36.00	33.33	38.45	93.63	10.20	46.47
B29	47-11 H4	1.00	101.9	27.00	38.49	28.78	93.82	9.16	48.08
B30	47-12 H5	1.00	99.0	28.00	37.80	29.80	93.95	11.23	49.71
B31	47-13 H6	1.00	100.3	39.00	32.03	41.54	93.90	9.07	51.34
B32	47-14 H7	1.00	117.8	50.00	28.28	53.75	93.02	21.44	52.99
B33	47-15 H8	1.00	109.4	40.00	31.62	42.80	93.46	11.62	54.62
B34	47-16 H9	1.00	97.2	34.00	34.30	36.16	94.03	6.53	56.26
B35	47-17 H10	1.00	100.6	29.00	37.14	30.89	93.88	13.74	57.88
B36	47-18 H11	1.00	113.9	24.00	40.82	25.74	93.23	25.10	59.52
B37	16-1 H12	1.00	104.4	27.00	38.49	28.81	93.71	10.45	61.14
B38	16-2 H13	1.00	101.1	24.00	40.82	25.57	93.86	11.54	62.88
B39	16-3 H14	1.00	101.1	43.00	30.50	45.81	93.86	7.73	64.50
B40	16-4 H15	1.00	105.8	51.00	28.01	54.46	93.64	12.36	66.14
B41	16-5 H16	1.00	101.9	62.00	25.40	66.08	93.82	5.28	67.76
B42	16-6 H17	1.00	102.1	35.00	33.81	37.31	93.81	8.22	69.50

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
B43	16-7 H18	1.00	104.9	23.00	41.70	24.55	93.68	14.83	71.13
B44	16-8 H19	1.00	100.4	48.00	28.87	51.12	93.89	22.85	72.78
B45	16-9 H20	1.00	111.8	29.00	37.14	31.07	93.34	22.39	74.40
B46	16-10 H21	1.00	101.7	34.00	34.30	36.23	93.83	9.01	76.05
B47	16-11 H22	1.00	104.4	22.00	42.64	23.48	93.71	15.12	77.66
B48	16-12 H23	1.00	103.5	29.00	37.14	30.93	93.75	10.81	79.32
B49	16-13 H24	1.00	106.3	27.00	38.49	28.84	93.62	14.25	80.93
B50	16-14 H25	1.00	100.6	37.00	32.88	39.41	93.88	9.74	82.57
B51	16-15 H26	1.00	99.1	38.00	32.44	40.45	93.95	7.36	84.18
B52	16-16 H27	1.00	99.3	37.00	32.88	39.39	93.94	7.68	85.83
B53	16-17 H28	1.00	117.0	28.00	37.80	30.09	93.07	21.16	87.46
B54	16-18 H29	1.00	101.7	25.00	40.00	26.64	93.83	13.88	89.10
B55	57-1 H30	1.00	105.0	30.00	36.51	32.02	93.68	16.28	90.82
B56	57-2 H31	1.00	102.6	22.00	42.64	23.46	93.79	11.29	92.46
B57	57-3 H32	1.00	125.4	79.00	22.50	85.33	92.58	35.84	94.11
B58	57-4 H33	1.00	98.9	35.00	33.81	37.25	93.96	6.00	95.75
B59	57-5 H34	1.00	115.0	37.00	32.88	39.71	93.18	20.09	97.37
B60	57-6 H35	1.00	151.9	46.00	29.49	50.71	90.72	31.22	99.01
B61	57-7 H36	1.00	105.9	46.00	29.49	49.13	93.64	12.58	100.64
B62	57-8 H37	1.00	106.4	53.00	27.47	56.62	93.61	8.37	102.27
B63	57-9 H38	1.00	101.2	32.00	35.36	34.09	93.86	9.12	103.88
B64	57-10 H39	1.00	124.9	32.00	35.36	34.55	92.62	19.76	105.54
B65	57-11 H40	1.00	104.2	35.00	33.81	37.35	93.72	8.28	107.15
B66	57-12 H41	1.00	110.5	31.00	35.92	33.19	93.41	10.56	108.78
B67	57-13 H42	1.00	102.2	36.00	33.33	38.38	93.81	10.91	110.29
B68	57-14 H43	1.00	102.2	43.00	30.50	45.84	93.81	7.22	111.93
B69	57-15 H44	1.00	110.0	51.00	28.01	54.58	93.44	30.84	113.56
B70	57-16 H45	1.00	104.4	23.00	41.70	24.54	93.71	16.24	115.21
B71	57-17 H46	1.00	100.2	51.00	28.01	54.31	93.90	6.13	116.84
B72	57-18 H47	1.00	105.8	34.00	34.30	36.31	93.64	14.85	118.38
B73	25-1 H48	1.00	109.4	34.00	34.30	36.38	93.47	7.92	120.08
B74	25-2 H49	1.00	108.2	40.00	31.62	42.77	93.52	18.28	121.74
B75	25-3 H50	1.00	109.7	28.00	37.80	29.96	93.45	14.69	123.35
B76	25-4 H51	1.00	104.8	36.00	33.33	38.42	93.69	7.55	124.99
B77	25-5 H52	1.00	102.2	38.00	32.44	40.51	93.81	5.30	126.60
B78	25-6 H53	1.00	107.4	37.00	32.88	39.55	93.56	8.74	128.25
B79	25-7 H54	1.00	101.6	28.00	37.80	29.84	93.84	9.14	129.86
B80	25-8 H55	1.00	100.5	25.00	40.00	26.63	93.89	8.88	131.50
B81	25-9 H56	1.00	117.3	42.00	30.86	45.14	93.05	13.73	133.11
B82	25-10 H57	1.00	102.9	30.00	36.51	31.99	93.78	10.47	134.75
B83	25-11 H58	1.00	98.5	39.00	32.03	41.50	93.98	7.63	136.37
B84	25-12 H59	1.00	108.6	35.00	33.81	37.43	93.50	13.67	138.02
B85	25-13 H60	1.00	103.9	32.00	35.36	34.14	93.73	8.31	139.64
B86	25-14 H61	1.00	101.8	36.00	33.33	38.37	93.83	6.15	141.37
B87	25-15 H62	1.00	103.7	91.00	20.97	97.08	93.74	3.85	142.98
B88	25-16 H63	1.00	107.1	50.00	28.28	53.43	93.58	7.03	144.63
B89	25-17 H64	1.00	103.0	50.00	28.28	53.32	93.77	5.69	146.25
B90	25-18 H65	1.00	99.9	44.00	30.15	46.85	93.91	4.77	147.88
B91	38-1 H66	1.00	103.2	47.00	29.17	50.13	93.76	6.34	149.70
B92	38-2 H67	1.00	106.9	39.00	32.03	41.67	93.59	8.20	151.45
B93	38-3 H68	1.00	103.4	26.00	39.22	27.73	93.76	7.48	153.06
B94	38-4 H69	1.00	117.9	34.00	34.30	36.55	93.02	13.79	154.68
B95	38-5 H70	1.00	98.3	46.00	29.49	48.94	93.99	4.63	156.29
B96	38-6 H71	1.00	99.7	32.00	35.36	34.07	93.92	6.41	157.93
B97	38-7 H72	1.00	98.5	44.00	30.15	46.85	93.91	4.77	159.57
B98	38-8 H73	1.00	98.1	32.00	35.36	34.07	93.92	6.41	161.21
B99	38-9 H74	1.00	98.5	32.00	35.36	34.07	93.92	6.41	162.85
B100	38-10 H75	1.00	98.2	27.00	38.49	28.75	93.99	4.91	164.49

4
20.11
L
↓

SAM NO	POS	TIME MIN	H#	<u>14C</u>		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
m G 43	30-7	1.00	102.4	34.00	34.30	36.42	93.34	4.26	68.89
	30-8	1.00	102.6	55.00	26.97	58.93	93.33	2.45	70.53
	30-9	1.00	103.4	78.00	22.65	83.61	93.29	2.06	72.25
46	30-10	1.00	114.7	98.00	20.20	105.73	92.69	3.24	73.89
47	30-11	1.00	102.5	97.00	20.31	103.92	93.34	1.16	75.49
48	30-12	1.00	106.1	38.00	32.44	40.79	93.15	6.78	77.13
49	30-13	1.00	102.0	62.00	25.40	66.41	93.36	2.24	78.74
50	30-14	1.00	87.5	35.00	33.81	37.22	94.04	0.26	80.37
51	30-15	1.00	86.3	23.00	41.70	24.44	94.10	0.34	81.98
52	30-16	1.00	101.8	31.00	35.92	33.20	93.37	5.50	83.61
53	30-17	1.00	100.4	38.00	32.44	40.67	93.44	2.39	85.22
54	30-18	1.00	105.9	38.00	32.44	40.79	93.16	14.63	86.87
55	48-1	1.00	101.4	24.00	40.82	25.70	93.39	5.27	88.70
56	48-2	1.00	101.8	39.00	32.03	41.77	93.37	3.85	90.33
57	48-3	1.00	102.3	45.00	29.81	48.21	93.35	3.13	92.05
58	48-4	1.00	101.9	45.00	29.81	48.20	93.37	3.82	93.78
59	48-5	1.00	106.5	62.00	25.40	66.57	93.13	4.94	95.40
60	48-6	1.00	103.1	54.00	27.22	57.87	93.31	3.48	97.04
61	48-7	1.00	104.7	51.00	28.01	54.71	93.23	2.80	98.76
62	48-8	1.00	111.0	54.00	27.22	58.13	92.89	7.18	100.50
63	48-9	1.00	102.9	34.00	34.30	36.43	93.32	7.43	102.11
64	48-10	1.00	102.6	35.00	33.81	37.50	93.33	4.68	103.76
65	48-11	1.00	104.2	27.00	38.49	28.95	93.25	8.16	105.36
66	48-12	1.00	101.1	36.00	33.33	38.54	93.41	4.62	106.99
67	48-13	1.00	86.4	28.00	37.80	29.76	94.09	0.36	108.60
68	48-14	1.00	85.3	45.00	29.81	47.80	94.14	0.28	110.24
69	48-15	1.00	99.9	55.00	26.97	58.84	93.47	2.60	111.85
70	48-16	1.00	101.0	34.00	34.30	36.40	93.41	3.35	113.49
room 71	48-17	1.00	112.5	50.00	28.28	53.87	92.81	5.88	115.10
72	48-18	H72 1.00	126.1	51.00	28.01	55.43	92.00	11.89	116.75
73	39-1	H73 1.00	107.5	39.00	32.03	41.90	93.08	6.41	118.46
74	39-2	H74 1.00	114.8	49.00	28.57	52.87	92.68	8.30	120.10

SAM NO	POS	TIME MIN	H#	14C		14C DFM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
101	29-11-9	1.00	107.1	51.00	28.01	54.78	93.10	3.81	164.93
102	29-12-10	1.00	114.7	46.00	29.49	49.63	92.69	3.34	166.58
103	29-13-11	1.00	108.7	52.00	27.74	55.90	93.02	3.47	168.20
104	29-14-12	1.00	109.8	36.00	33.33	38.73	92.96	4.25	169.93
105	29-15-13	1.00	89.6	32.00	35.36	34.06	93.95	0.23	171.54
106	29-16-14	1.00	88.7	25.00	40.00	26.60	93.99	0.27	173.17
107	29-17-15	1.00	120.8	63.00	25.20	68.23	92.33	6.51	174.79
108	29-18-16	1.00	120.0	61.00	25.61	66.03	92.38	4.69	176.41
109	7-1-17	1.00	112.5	77.00	22.79	82.97	92.81	1.85	178.12
110	7-2-18	1.00	113.6	47.00	29.17	50.68	92.75	2.31	179.86
111	7-3-19	1.00	119.0	40.00	31.62	43.27	92.44	3.73	181.47
112	7-4-20	1.00	116.6	34.00	34.30	36.72	92.58	2.62	183.11
113	7-5-21	1.00	118.0	68.00	24.25	73.52	92.50	2.19	184.73
114	7-6-22	1.00	112.8	30.00	36.51	32.33	92.80	4.07	186.46
115	7-7-23	1.00	134.4	56.00	26.73	61.23	91.46	5.55	188.18
116	7-8-24	1.00	123.0	31.00	35.92	33.62	92.20	6.02	189.81
117	7-9-25	1.00	127.4	57.00	26.49	62.01	91.92	6.01	191.43
118	7-10-26	1.00	103.6	37.00	32.88	39.66	93.28	4.42	193.06
119	7-11-27	1.00	116.8	46.00	29.49	49.69	92.57	6.87	194.78
120	7-12-28	1.00	101.6	38.00	32.44	40.69	93.38	2.28	196.41
121	7-13-29	1.00	106.4	38.00	32.44	40.80	93.14	14.34	198.04
122	7-14-30	1.00	87.6	18.00	47.14	19.14	94.04	0.39	199.67
123	7-15-31	1.00	102.3	21.00	43.64	22.50	93.35	6.59	201.27
124	7-16-32	1.00	87.7	37.00	32.88	39.35	94.03	0.20	202.90
125	7-17-33	1.00	105.7	39.00	32.03	41.86	93.18	7.15	204.51
126	7-18-34	1.00	103.7	51.00	28.01	54.68	93.27	2.92	206.14
127	48-1-1	1.00	103.0	28.00	37.80	30.01	93.31	4.51	207.84
128	48-2-2	1.00	102.9	46.00	29.49	49.29	93.32	3.41	209.48
129	48-3-3	1.00	103.1	53.00	27.47	56.80	93.31	2.40	211.09
130	48-4-4	1.00	102.2	35.00	33.81	37.49	93.35	3.51	212.83
131	48-5-5	1.00	106.0	42.00	30.86	45.08	93.16	6.77	214.44
132	48-6-6	1.00	103.1	60.00	25.82	64.30	93.31	3.25	216.08
133	48-7-7	1.00	105.6	54.00	27.22	57.95	93.18	2.65	217.69
134	48-8-8	1.00	111.2	56.00	26.73	60.29	92.88	5.77	219.43
135	48-9-9	1.00	103.0	26.00	39.22	27.86	93.31	8.31	221.04
136	48-10-10	1.00	103.8	51.00	28.01	54.68	93.27	2.78	222.68
137	48-11-11	1.00	105.8	29.00	37.14	31.13	93.17	6.39	224.40
138	48-12-12	1.00	103.2	29.00	37.14	31.08	93.30	5.35	226.02
139	48-13-13	1.00	89.1	26.00	39.22	27.67	93.97	0.37	227.64
140	48-14-14	1.00	86.0	35.00	33.81	37.19	94.11	0.31	229.27
141	48-15-15	1.00	99.9	43.00	30.50	46.01	93.47	3.06	230.98
142	48-16-16	1.00	101.7	25.00	40.00	26.77	93.38	3.88	232.61
143	48-17-17	1.00	112.9	43.00	30.50	46.34	92.79	5.46	234.22
144	48-18-18	1.00	126.5	66.00	24.62	71.76	91.98	8.31	235.86
145	39-1-19	1.00	107.8	46.00	29.49	49.43	93.07	5.45	237.58
146	39-2-20	1.00	115.7	35.00	33.81	37.78	92.63	9.07	239.11
147	39-3-1	1.00	115.3	80.00	22.36	86.34	92.66	3.59	240.73
148	39-4-2	1.00	104.3	89.00	21.20	95.45	93.25	1.38	242.36
149	39-5-3	1.00	104.6	54.00	27.22	57.92	93.23	3.09	243.98
150	39-6-4	1.00	101.4	41.00	31.23	43.90	93.39	3.40	245.61
151	39-7-5	1.00	104.8	41.00	31.23	43.98	93.22	4.56	247.33
152	39-8-6	1.00	109.7	79.00	22.50	84.98	92.96	3.63	248.96
153	39-9-7	1.00	104.6	39.00	32.03	41.83	93.23	3.60	250.57
154	39-10-8	1.00	105.1	35.00	33.81	37.55	93.20	5.73	252.32
155	39-11-9	1.00	103.7	39.00	32.03	41.81	93.28	4.06	253.93
156	39-12	1.00	101.9	60.00	25.82	64.26	93.37	2.35	255.56
157	39-13	1.00	100.0	51.00	28.01	54.57	93.46	2.63	257.17
158	39-14	1.00	100.9	61.00	25.61	65.30	93.42	2.23	258.91

Room E

Room H

Room I

35	36	37	38	39
18	19	20	21	22
1	2	3	4	5

Room Survey Date: 25 July 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

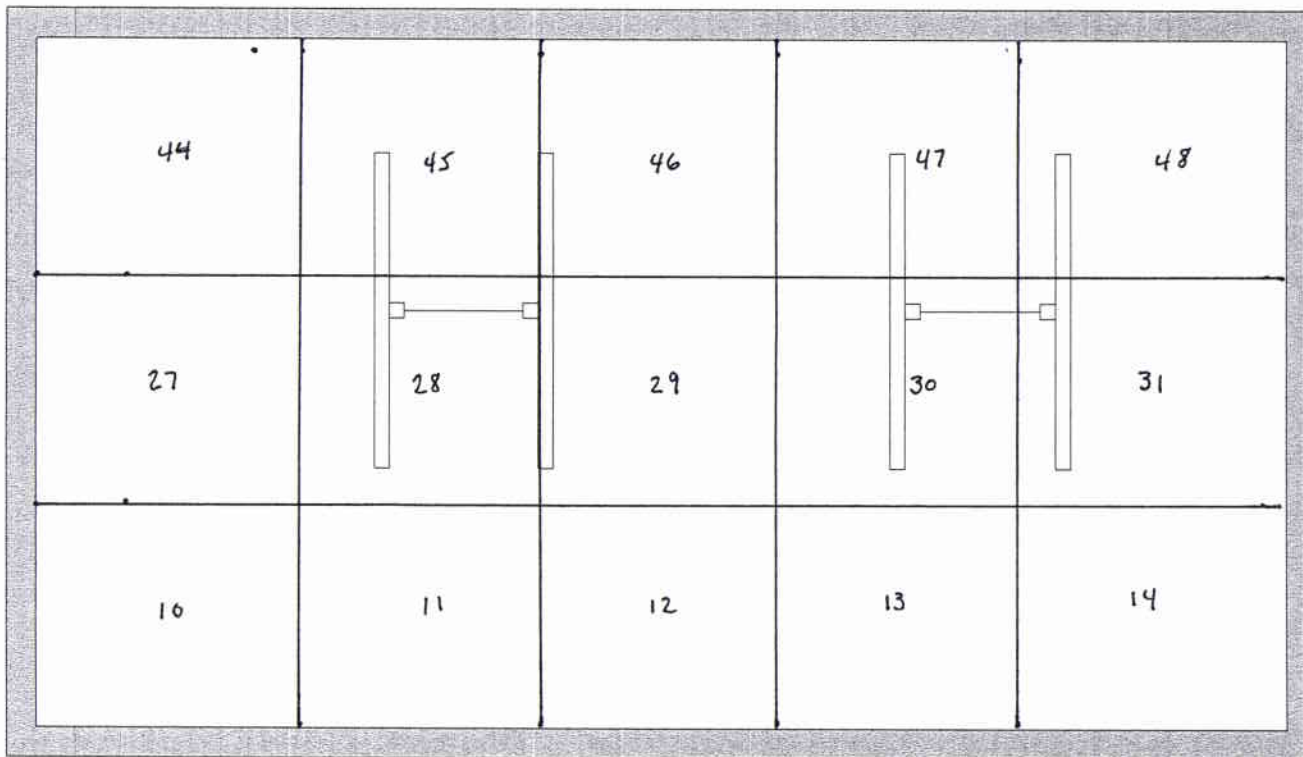
S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

S/N: PR276541

Survey Readings: <100 cpm



Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

40	41	42	43
23	24	25	26
6	7	8	9

Room Survey Date: 25 July 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

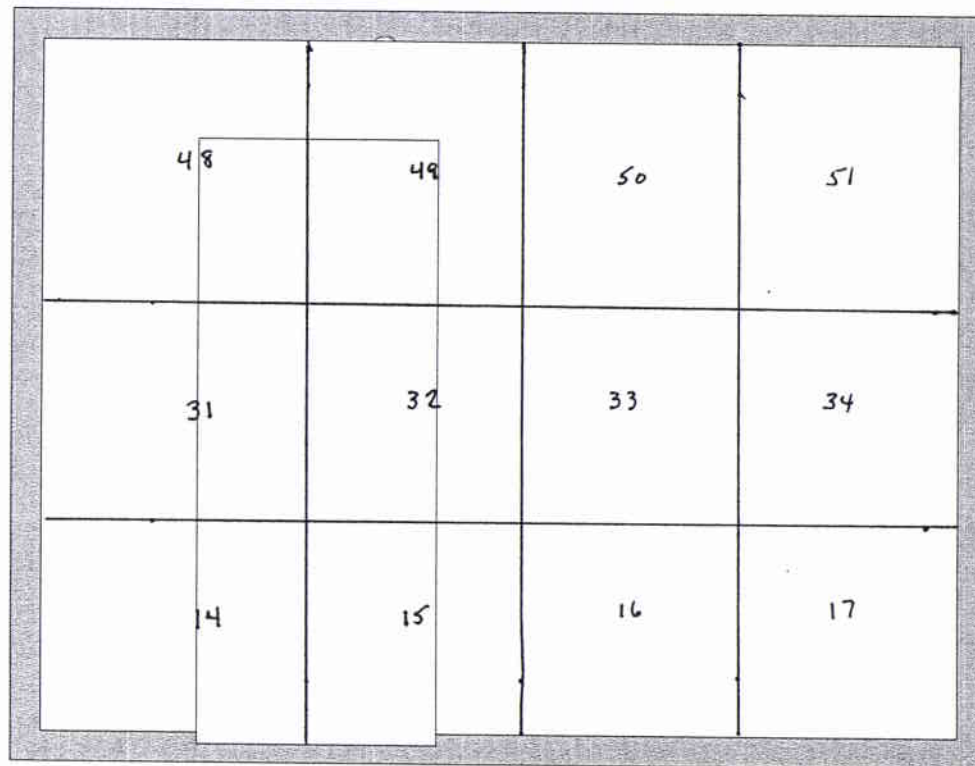
S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

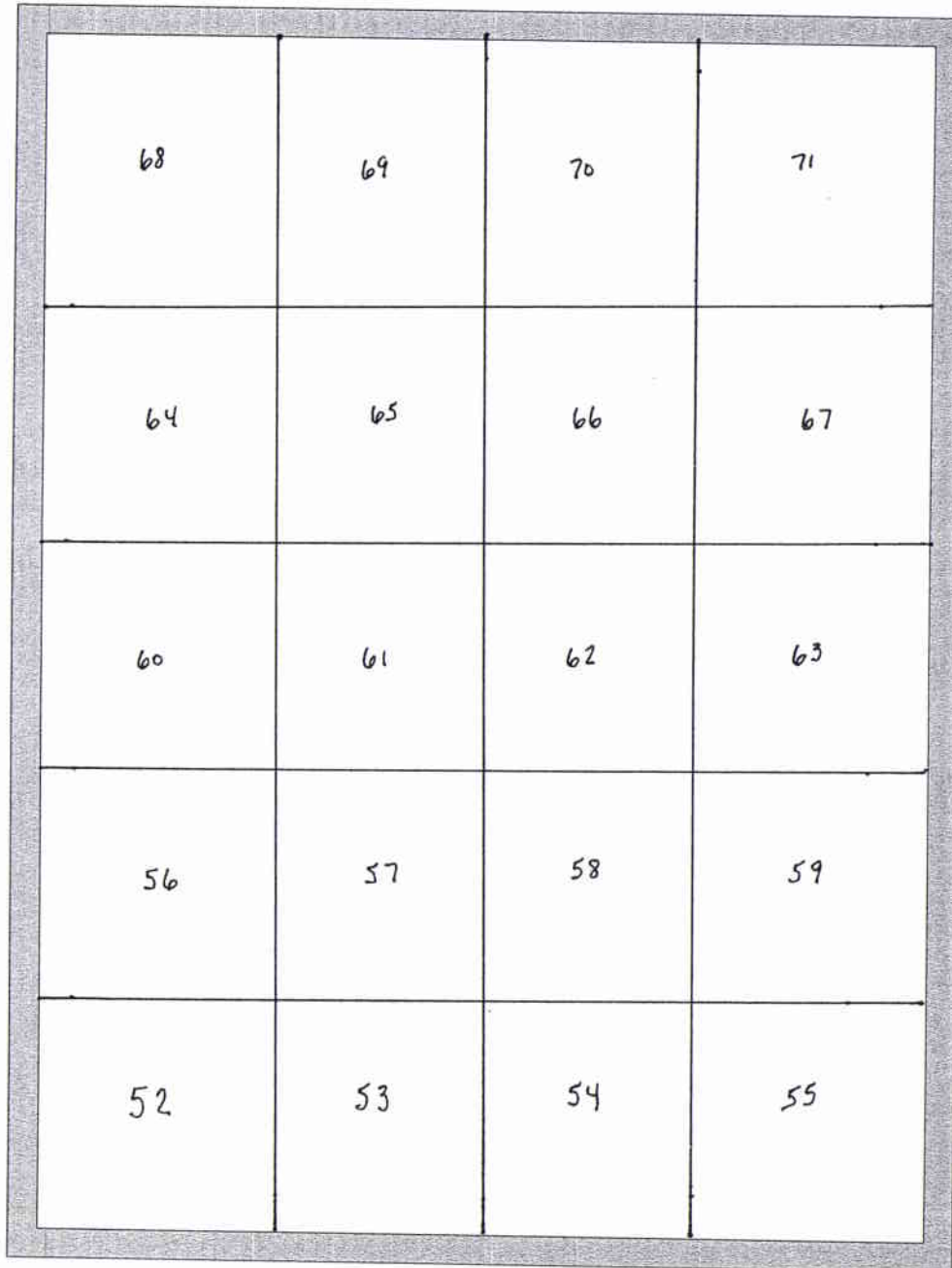
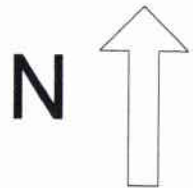
S/N: PR276541

Survey Readings: <100 cpm



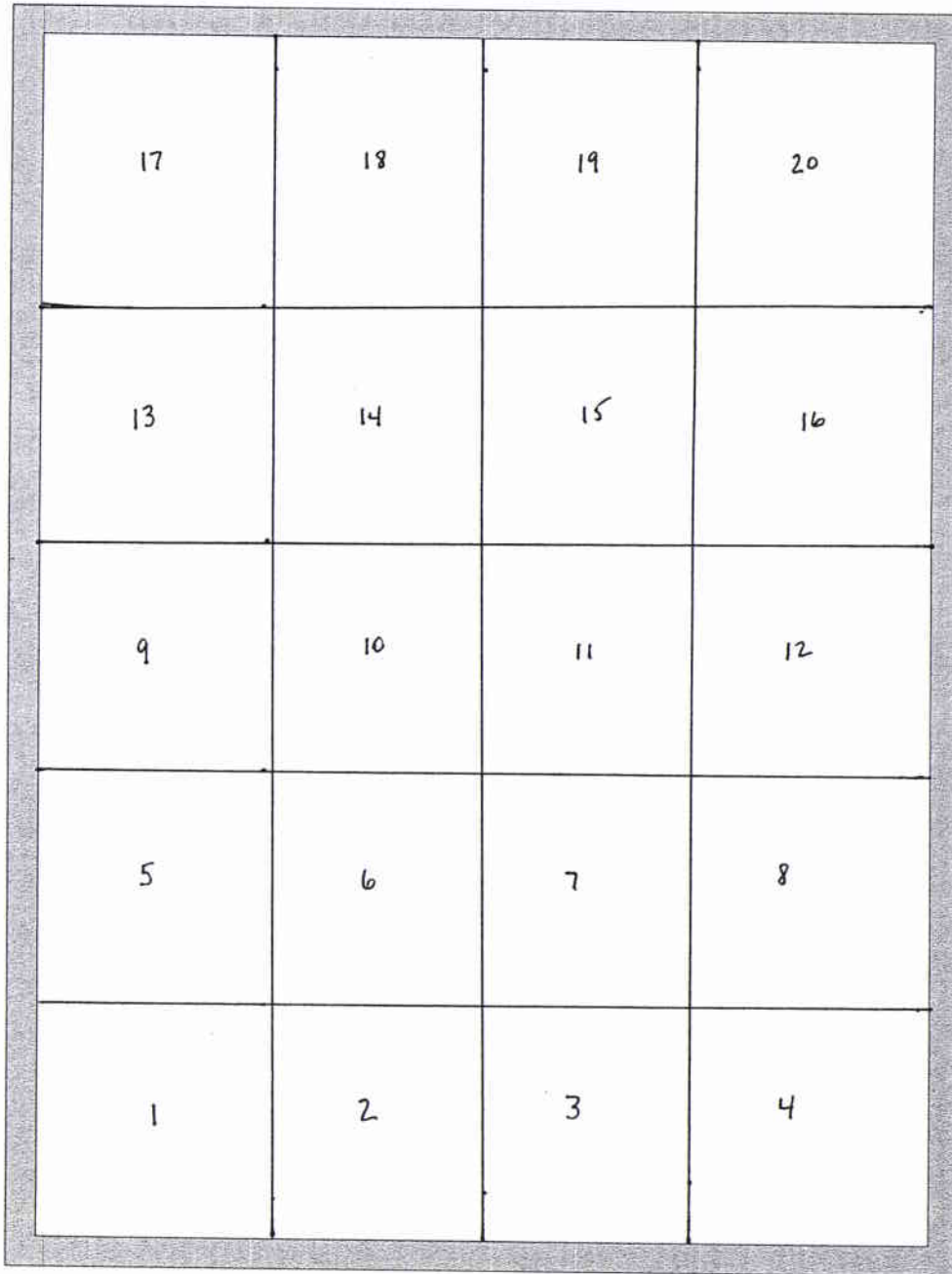
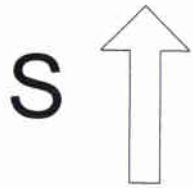
Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm



Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm



Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

BLDG A ROOM I		ROOM I			
Control	<200 dpm	I41	<200 dpm		
Control	<200 dpm	I42	<200 dpm		
Blank	0 dpm	I43	<200 dpm		
I1	<200 dpm	I44	<200 dpm		
I2	<200 dpm	I45	<200 dpm		
I3	<200 dpm	I46	<200 dpm		
I4	<200 dpm	I47	<200 dpm		
I5	<200 dpm	I48	<200 dpm		
I6	<200 dpm	I49	<200 dpm		
I7	<200 dpm	I50	<200 dpm		
I8	<200 dpm	I51	<200 dpm		
I9	<200 dpm				
I10	<200 dpm				
I11	<200 dpm				
I12	<200 dpm				
I13	<200 dpm				
I14	<200 dpm				
I15	<200 dpm				
I16	<200 dpm				
I17	<200 dpm				
I18	<200 dpm				
I19	<200 dpm				
I20	<200 dpm				
I21	<200 dpm				
I22	<200 dpm				
I23	<200 dpm				
I24	<200 dpm				
I25	<200 dpm				
I26	<200 dpm				
I27	<200 dpm				
I28	<200 dpm				
I29	<200 dpm				
I30	<200 dpm				
I31	<200 dpm				
I32	<200 dpm				
I33	<200 dpm				
I34	<200 dpm				
I35	<200 dpm				
I36	<200 dpm				
I37	<200 dpm				
I38	<200 dpm				
I39	<200 dpm				
I40	<200 dpm				

SAM NO	POS	TIME MIN	H#	14C		14C DFM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
B43	16-7	1.00	104.9	23.00	41.70	24.55	93.68	14.83	71.13
B44	16-8	1.00	100.4	48.00	28.87	51.12	93.89	22.85	72.78
B45	16-9	1.00	111.8	29.00	37.14	31.07	93.34	22.39	74.40
B46	16-10	1.00	101.7	34.00	34.30	36.23	93.83	9.01	76.05
B47	16-11	1.00	104.4	22.00	42.64	23.48	93.71	15.12	77.66
B48	16-12	1.00	103.5	29.00	37.14	30.93	93.75	10.81	79.32
B49	16-13	1.00	106.3	27.00	38.49	28.84	93.62	14.25	80.93
B50	16-14	1.00	100.6	37.00	32.88	39.41	93.88	8.74	82.57
B51	16-15	1.00	99.1	38.00	32.44	40.45	93.95	7.36	84.18
B52	16-16	1.00	99.3	37.00	32.88	39.39	93.94	7.68	85.83
B53	16-17	1.00	117.0	28.00	37.80	30.09	93.07	21.16	87.46
B54	16-18	1.00	101.7	25.00	40.00	26.64	93.83	13.88	89.10
B55	57-1	1.00	105.0	30.00	36.51	32.02	93.68	16.28	90.82
B56	57-2	1.00	102.6	22.00	42.64	23.46	93.79	11.29	92.46
B57	57-3	1.00	125.4	79.00	22.50	85.33	92.58	35.84	94.11
B58	57-4	1.00	98.9	35.00	33.81	37.35	93.96	6.00	95.75
B59	57-5	1.00	115.0	37.00	32.88	39.71	93.18	20.09	97.37
B60	57-6	1.00	151.9	46.00	29.49	56.71	90.72	31.22	99.01
B61	57-7	1.00	105.9	46.00	29.49	49.13	93.64	12.58	100.64
B62	57-8	1.00	106.4	53.00	27.47	56.62	93.61	8.37	102.27
B63	57-9	1.00	101.2	32.00	35.36	34.09	93.86	9.12	103.88
B64	57-10	1.00	124.9	32.00	35.36	34.55	92.62	19.76	105.54
B65	57-11	1.00	104.2	35.00	33.81	37.35	93.72	8.28	107.15
B66	57-12	1.00	110.5	31.00	35.92	33.19	93.41	10.56	108.78
B67	57-13	1.00	102.2	36.00	33.33	38.38	93.81	10.91	110.29
B68	57-14	1.00	102.2	43.00	30.50	45.84	93.81	7.22	111.93
B69	57-15	1.00	110.0	51.00	28.01	54.58	93.44	30.84	113.56
B70	57-16	1.00	104.4	23.00	41.70	24.54	93.71	16.24	115.21
B71	57-17	1.00	100.2	51.00	28.01	54.31	93.90	6.13	116.84
B72	57-18	1.00	105.8	34.00	34.30	36.31	93.64	14.85	118.38
B73	25-1	1.00	109.4	34.00	34.30	36.38	93.47	7.92	120.08
B74	25-2	1.00	108.2	40.00	31.62	42.77	93.52	18.28	121.74
B75	25-3	1.00	109.7	28.00	37.80	29.96	93.45	14.69	123.35
B76	25-4	1.00	104.8	36.00	33.33	38.42	93.69	7.55	124.99
B77	25-5	1.00	102.2	38.00	32.44	40.51	93.81	5.30	126.60
B78	25-6	1.00	107.4	37.00	32.88	39.55	93.56	8.74	128.25
B79	25-7	1.00	101.6	28.00	37.80	29.84	93.84	9.14	129.86
B80	25-8	1.00	100.5	25.00	40.00	26.63	93.89	8.88	131.50
B81	25-9	1.00	117.3	42.00	30.86	45.14	93.05	13.73	133.11
B82	25-10	1.00	102.9	30.00	36.51	31.99	93.78	10.47	134.75
B83	25-11	1.00	98.5	39.00	32.03	41.50	93.98	7.63	136.37
B84	25-12	1.00	108.6	35.00	33.81	37.43	93.50	13.67	138.02
B85	25-13	1.00	103.9	32.00	35.36	34.14	93.73	8.31	139.64
B86	25-14	1.00	101.8	36.00	33.33	38.37	93.83	6.15	141.37
B87	25-15	1.00	103.7	91.00	20.97	97.08	93.74	3.85	142.98
B88	25-16	1.00	107.1	50.00	28.28	53.43	93.58	7.03	144.63
B89	25-17	1.00	103.0	50.00	28.28	53.32	93.77	5.69	146.25
B90	25-18	1.00	99.9	44.00	30.15	46.85	93.91	4.77	147.88
B91	38-1	1.00	103.2	47.00	29.17	50.13	93.76	6.34	149.70
B92	38-2	1.00	106.9	39.00	32.03	41.67	93.59	8.20	151.45
B93	38-3	1.00	103.4	26.00	39.22	27.73	93.76	7.48	153.06
B94	38-4	1.00	117.9	34.00	34.30	36.55	93.02	13.79	154.68
B95	38-5	1.00	98.3	46.00	29.49	48.94	93.99	4.63	156.39
B96	38-6	1.00	99.7	32.00	35.36	34.07	93.92	6.41	157.95
B97	38-7 11	1.00	98.5	14.00	53.45	14.90	93.98	5.03	159.54
B98	38-8 12	1.00	98.1	29.00	37.14	30.85	93.99	4.63	161.18
B99	38-9 13	1.00	98.5	32.00	35.36	34.05	93.98	6.60	162.79
B10	38-10 14	1.00	98.2	27.00	38.49	28.73	93.99	4.28	164.42

4
L
00.2
L

SAM NO	POS	TIME MIN	H#	<u>14C</u>		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
B10	38-11I5	1.00	97.0	21.00	43.64	22.33	94.04	8.16	166.04
B10	38-12I6	1.00	104.9	26.00	39.22	27.75	93.68	7.59	167.70
B10	38-13I7	1.00	106.2	36.00	33.33	38.45	93.62	14.96	169.32
B10	38-14I8	1.00	98.1	39.00	32.03	41.49	93.99	4.50	170.85
B10	38-15I9	1.00	105.3	36.00	33.33	38.43	93.67	10.39	172.46
B10	38-16I10	1.00	100.0	25.00	40.00	26.62	93.91	4.34	174.10
B10	38-17I11	1.00	98.7	25.00	40.00	26.61	93.97	6.29	175.72
B10	38-18I12	1.00	98.1	34.00	34.30	36.17	93.99	4.63	177.36
B10	14-1I13	1.00	93.6	26.00	39.22	27.61	94.18	4.90	179.06
B11	14-2I14	1.00	99.7	22.00	42.64	23.42	93.92	5.70	180.71
B11	14-3I15	1.00	98.3	22.00	42.64	23.41	93.99	12.37	182.33
B11	14-4I16	1.00	99.3	33.00	34.82	35.13	93.94	8.30	183.97
B11	14-5I17	1.00	97.0	24.00	40.82	25.52	94.04	6.72	185.58
B11	14-6I18	1.00	109.0	30.00	36.51	32.09	93.49	13.52	187.23
B11	14-7I19	1.00	100.7	29.00	37.14	30.89	93.88	10.02	188.85
B11	14-8I20	1.00	99.4	25.00	40.00	26.61	93.94	7.87	190.48
B11	14-9I21	1.00	97.5	31.00	35.92	32.97	94.02	5.47	192.09
B11	14-10I22	1.00	97.9	25.00	40.00	26.59	94.00	7.63	193.72
B11	14-11I23	1.00	115.6	27.00	38.49	28.99	93.14	10.62	195.35
B12	14-12I24	1.00	101.4	25.00	40.00	26.64	93.84	6.08	196.98
B12	14-13I25	1.00	99.8	25.00	40.00	26.62	93.92	6.50	198.59
B12	14-14I26	1.00	102.6	26.00	39.22	27.72	93.79	8.38	200.33
B12	14-15I27	1.00	101.7	26.00	39.22	27.71	93.83	16.25	201.96
B12	14-16I28	1.00	101.6	25.00	40.00	26.64	93.84	7.31	203.59
B12	14-17I29	1.00	104.2	30.00	36.51	32.01	93.72	15.80	205.20
B12	14-18I30	1.00	96.5	23.00	41.70	24.45	94.06	7.18	206.84
B12	7-1I31	1.00	101.3	28.00	37.80	29.83	93.85	13.78	208.59
B12	7-2I32	1.00	101.9	28.00	37.80	29.84	93.82	6.59	210.21
B12	7-3I33	1.00	108.4	36.00	33.33	38.50	93.52	4.49	211.83
B13	7-4I34	1.00	118.9	29.00	37.14	31.20	92.96	12.65	213.48
B13	7-5I35	1.00	109.9	30.00	36.51	32.11	93.44	8.10	215.10
B13	7-6I36	1.00	127.7	45.00	29.81	48.68	92.44	17.71	216.74
B13	7-7I37	1.00	112.5	27.00	38.49	28.94	93.30	8.54	218.37
B13	7-8I38	1.00	104.5	29.00	37.14	30.95	93.70	8.29	220.00
B13	7-9I39	1.00	111.8	22.00	42.64	23.57	93.34	11.77	221.62
B13	7-10I40	1.00	120.1	26.00	39.22	27.99	92.90	21.58	223.37
B13	7-11I41	1.00	111.0	21.00	43.64	22.49	93.39	10.35	225.00
B13	7-12I42	1.00	118.0	25.00	40.00	26.88	93.01	19.07	226.74
Blank Average				DPM	for	14C :	38.03	COEF. OF VAR:	47.650

Ceiling Swipes

SAM NO	POS	TIME MIN	H#	14C		14C	14C	LUMEX	ELAPSED TIME
				CPM	%ERROR	DFM	EFF-1	%	
101	29-11-9	1.00	107.1	51.00	28.01	54.78	93.10	3.81	164.93
102	29-12-10	1.00	114.7	46.00	29.49	49.63	92.69	3.34	166.58
103	29-13-11	1.00	108.7	52.00	27.74	55.90	93.02	3.47	168.20
104	29-14-12	1.00	109.8	36.00	33.33	38.73	92.96	4.25	169.93
105	29-15-13	1.00	89.6	32.00	35.36	34.06	93.95	0.23	171.54
106	29-16-14	1.00	88.7	25.00	40.00	26.60	93.99	0.27	173.17
107	29-17-15	1.00	120.8	63.00	25.20	68.23	92.33	6.51	174.79
108	29-18-16	1.00	120.0	61.00	25.61	66.03	92.38	4.69	176.41
109	7-1-17	1.00	112.5	77.00	22.79	82.97	92.81	1.85	178.12
110	7-2-18	1.00	113.6	47.00	29.17	50.68	92.75	2.31	179.86
111	7-3-19	1.00	119.0	40.00	31.62	43.27	92.44	3.73	181.47
112	7-4-20	1.00	116.6	34.00	34.30	36.72	92.58	2.62	183.11
113	7-5-21	1.00	118.0	68.00	24.25	73.52	92.50	2.19	184.73
114	7-6-22	1.00	112.8	30.00	36.51	32.33	92.80	4.07	186.46
115	7-7-23	1.00	134.4	56.00	26.73	61.23	91.46	5.55	188.18
116	7-8-24	1.00	123.0	31.00	35.92	33.62	92.20	6.02	189.81
117	7-9-25	1.00	127.4	57.00	26.49	62.01	91.92	6.01	191.43
118	7-10-26	1.00	103.6	37.00	32.88	39.66	93.28	4.42	193.06
119	7-11-27	1.00	116.8	46.00	29.49	49.69	92.57	6.87	194.78
120	7-12-28	1.00	101.6	38.00	32.44	40.69	93.38	2.28	196.41
121	7-13-29	1.00	106.4	38.00	32.44	40.80	93.14	14.34	198.04
122	7-14-30	1.00	87.6	18.00	47.14	19.14	94.04	0.39	199.67
123	7-15-31	1.00	102.3	21.00	43.64	22.50	93.35	6.59	201.27
124	7-16-32	1.00	87.7	37.00	32.88	39.35	94.03	0.20	202.90
125	7-17-33	1.00	105.7	39.00	32.03	41.86	93.18	7.15	204.51
126	7-18-34	1.00	103.7	51.00	28.01	54.68	93.27	2.92	206.14
127	48-1-1	1.00	103.0	28.00	37.80	30.01	93.31	4.51	207.84
128	48-2-2	1.00	102.9	46.00	29.49	49.29	93.32	3.41	209.48
129	48-3-3	1.00	103.1	53.00	27.47	56.80	93.31	2.40	211.09
130	48-4-4	1.00	102.2	35.00	33.81	37.49	93.35	3.51	212.83
131	48-5-5	1.00	106.0	42.00	30.86	45.08	93.16	6.77	214.44
132	48-6-6	1.00	103.1	60.00	25.82	64.30	93.31	3.25	216.08
133	48-7-7	1.00	105.6	54.00	27.22	57.95	93.18	2.65	217.69
134	48-8-8	1.00	111.2	56.00	26.73	60.29	92.88	5.77	219.43
135	48-9-9	1.00	103.0	26.00	39.22	27.86	93.31	8.31	221.04
136	48-10-10	1.00	103.8	51.00	28.01	54.68	93.27	2.78	222.68
137	48-11-11	1.00	105.8	29.00	37.14	31.13	93.17	6.39	224.40
138	48-12-12	1.00	103.2	29.00	37.14	31.08	93.30	5.35	226.02
139	48-13-13	1.00	89.1	26.00	39.22	27.67	93.97	0.37	227.64
140	48-14-14	1.00	86.0	35.00	33.81	37.19	94.11	0.31	229.27
141	48-15-15	1.00	99.9	43.00	30.50	46.01	93.47	3.06	230.98
142	48-16-16	1.00	101.7	25.00	40.00	26.77	93.38	3.88	232.61
143	48-17-17	1.00	112.9	43.00	30.50	46.34	92.79	5.46	234.22
144	48-18-18	1.00	126.5	66.00	24.62	71.76	91.98	8.31	235.86
145	39-1-19	1.00	107.8	46.00	29.49	49.43	93.07	5.45	237.58
146	39-2-20	1.00	115.7	35.00	33.81	37.78	92.63	9.07	239.11
147	39-3-21	1.00	115.3	80.00	22.36	86.34	92.66	3.59	240.73
148	39-4-22	1.00	104.3	89.00	21.20	95.45	93.25	1.38	242.36
149	39-5-23	1.00	104.6	54.00	27.22	57.92	93.23	3.09	243.98
150	39-6-24	1.00	101.4	41.00	31.23	43.90	93.39	3.40	245.61
151	39-7-25	1.00	104.8	41.00	31.23	43.98	93.22	4.56	247.33
152	39-8-26	1.00	109.7	79.00	22.50	84.98	92.96	3.63	248.96
153	39-9-27	1.00	104.6	39.00	32.03	41.83	93.23	3.60	250.57
154	39-10-28	1.00	105.1	35.00	33.81	37.55	93.20	5.73	252.32
155	39-11-29	1.00	103.7	39.00	32.03	41.81	93.28	4.06	253.93
156	39-12	1.00	101.9	60.00	25.82	64.26	93.37	2.35	255.56
157	39-13	1.00	100.0	51.00	28.01	54.57	93.46	2.63	257.17
158	39-14	1.00	100.9	61.00	25.61	65.30	93.42	2.23	258.91

Room E

Room H

Room I

32	33
21	22
10	11

Room Survey Date: 25 July 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

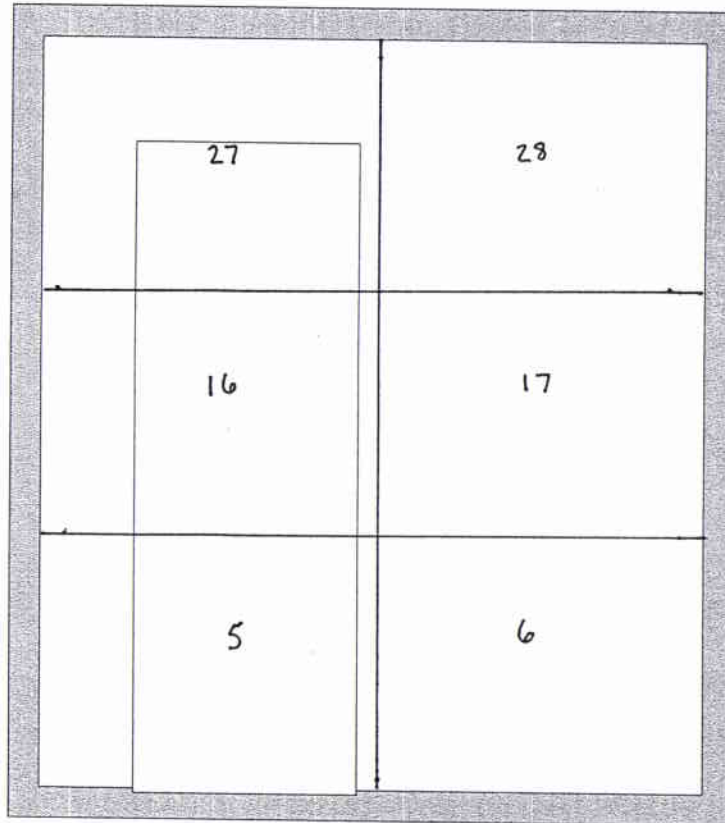
S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

S/N: PR276541

Survey Readings: <100 cpm



Room Survey Date: 25 July 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

S/N: PR276541

Survey Readings: <100 cpm

23	24	25	26
12	13	14	15
1	2	3	4

Room Survey Date: 25 July 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

S/N: PR276541

Survey Readings: <100 cpm

29	30	31
18	19	20
7	8	9

Room Survey Date: 25 July 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

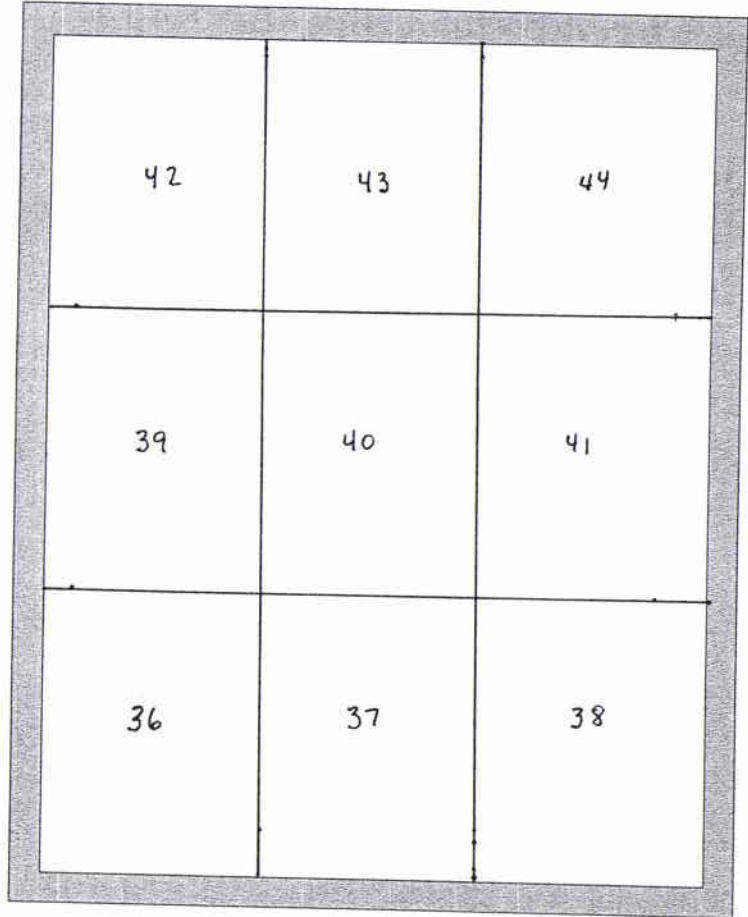
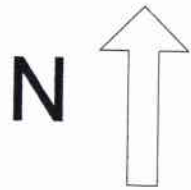
S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

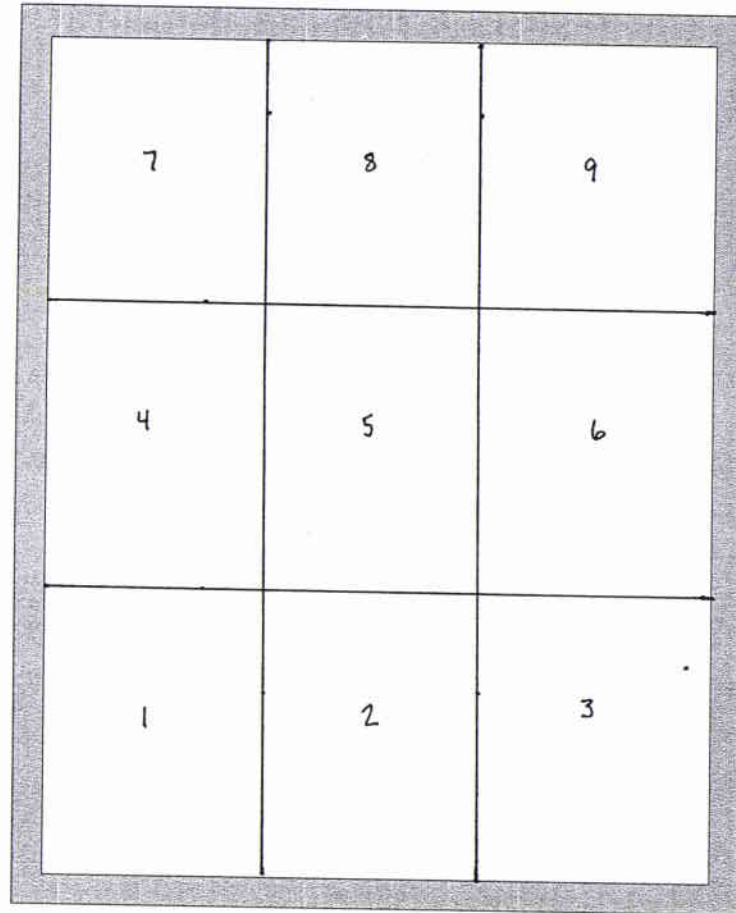
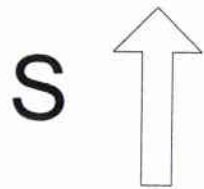
S/N: PR276541

Survey Readings: <100 cpm



Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm



Room Survey Date: 25 July 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

TABLE OF CONTENTS

Building Certified Free of Radioactive Contamination	1
Room 501/502 Swipe Map and Results	2
Room 503 Swipe Map and Results	3
Room 504 Swipe Map and Results	4
Room 505 Swipe Map and Results	5
Room 506 Swipe Map and Results	6
Room 507 Swipe Map and Results	7
Mechanical Room Swipe Map and Results	8
Room 508 Swipe Map and Results	9
Room 509 Swipe Map and Results	10

14 Aug 09

MEMORANDUM

From: Radiation Safety Officer, ABC Labs

To: Scott Ward, Senior VP & General Manager, Chemical Services

*Scott
14 Aug 09*

Subj: BUILDING CERTIFIED FREE OF RADIOACTIVE CONTAMINATION

Ref: (a) NUREG-1556, Vol. 7, Appendix Q

Encl: (1) Building B Room 501/502 Swipe Map and Results
(2) Building B Room 503 Swipe Map and Results
(3) Building B Room 504 Swipe Map and Results
(4) Building B Room 505 Swipe Map and Results
(5) Building B Room 506 Swipe Map and Results
(6) Building B Room 507 Swipe Map and Results
(7) Building B Mechanical Room Swipe Map and Results
(8) Building B Room 508 Swipe Map and Results
(9) Building B Room 509 Swipe Map and Results

1. In accordance with reference (a), radiation contamination surveys are required prior to release of an area for general use.
2. Swipe surveys were performed on 22–25 Aug 2009 in Building B. The survey indicated that the room s(floor, roof and walls) was found to be below the federal limits for loose surface contamination. The local command's trigger level for loose surface contamination is 200 dpm. The survey results and maps are submitted as enclosures (2) through (10).
3. The room is released from controls regarding radiation safety effective 14 Aug 2009.
4. If you have any questions regarding this report or its results, please contact Radiation Safety Division at 777-6070.

Sheila Hecht

S. C. HECHT
Radiation safety Officer

ID:BLDG B

23 APR 2009 14:42

USER:20

COMMENT:ROOM 501+502 CEILING SWIPES

PRESET TIME : 1.00

ATA CALC : SL DPM H# :YES SAMPLE REPEATS: 1 PRINTER : STD

COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF

TWO PHASE : NO ARC : NO CYCLE REPEATS : 1

SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0

LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00⁵ FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low: 0.010 High:325.27

SAM NO	POS	TIME MIN	H#	<u>14C</u>		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
B1	34-1	1.00	84.5	25.00	40.00	26.55	94.18	1.74	1.51
B2	34-2	1.00	85.7	28.00	37.80	29.75	94.12	1.04	3.11
	Blank	Average		DPM	for 14C :	28.15	COEF. OF VAR:	8.044	
1	34-4 6D	1.00	105.3	85.00	21.69	63.06	93.19	1.84	4.74
2	34-5 6E	1.00	112.2	310.00	11.36	305.81	92.83	0.64	6.34
3	34-6 6F	1.00	113.8	110.00	19.07	90.46	92.74	2.13	7.98
4	34-7 6G	1.00	113.0	204.00	14.00	191.71	92.79	0.66	9.59
5	34-8 6H	1.00	110.7	149.00	16.38	132.23	92.91	2.04	11.21
6	34-9 6I	1.00	107.4	79.00	22.50	56.72	93.09	2.18	12.93
7	34-10 6J	1.00	108.1	207.00	13.90	194.32	93.05	1.20	14.56
8	34-11 6K	1.00	106.6	84.00	21.82	62.05	93.13	1.86	16.18
9	34-12 7D	1.00	106.4	110.00	19.07	89.96	93.14	1.22	17.91
10	34-13 7E	1.00	106.7	81.00	22.22	58.83	93.13	2.66	19.51
11	34-14 7F	1.00	100.1	58.00	26.26	33.91	93.46	2.60	21.14
12	34-15 7G	1.00	110.7	60.00	25.82	36.43	92.91	2.65	22.76
13	34-16 7H	1.00	108.6	73.00	23.41	50.33	93.02	2.65	24.39
14	34-17 7I	1.00	85.7	30.00	36.51	3.73	94.12	0.18	25.98
15	34-18 7J	1.00	85.8	29.00	37.14	2.66	94.12	0.15	27.62
16	50-1 7K	1.00	126.6	68.00	24.25	45.79	91.98	7.01	29.33
17	50-2 8B	1.00	122.8	60.00	25.82	36.92	92.21	8.04	30.97
18	50-3 8C	1.00	123.3	42.00	30.86	17.42	92.18	8.64	32.59
19	50-4 8D	1.00	122.8	62.00	25.40	39.09	92.21	6.41	34.34
20	50-5 8E	1.00	112.9	41.00	31.23	16.04	92.79	7.85	36.05
21	50-6 8F	1.00	111.7	42.00	30.86	17.09	92.85	11.94	37.70
22	50-7 8G	1.00	118.8	58.00	26.26	34.59	92.45	7.42	39.32
23	50-8 8H	1.00	125.4	45.00	29.81	20.74	92.05	12.72	40.97
24	50-9 8I	1.00	117.9	48.00	28.87	23.74	92.50	6.96	42.58
25	50-10 9B	1.00	115.1	49.00	28.57	24.73	92.66	5.24	44.21
26	50-11 9C	1.00	114.8	52.00	27.74	27.96	92.68	5.84	45.83
27	50-12 9D	1.00	109.6	50.00	28.28	25.64	92.97	3.92	47.58
28	50-13 9E	1.00	112.0	41.00	31.23	16.02	92.84	5.26	49.19
29	50-14 9F	1.00	120.6	61.00	25.61	37.91	92.34	6.65	50.84
30	50-15 9G	1.00	121.4	53.00	27.47	29.27	92.30	12.01	52.55
31	50-16 9H	1.00	115.4	45.00	29.81	20.42	92.65	6.33	54.28
32	50-17 9I	1.00	115.5	42.00	30.86	17.19	92.64	7.67	55.90
33	50-18 10B	1.00	108.0	234.00	13.07	223.32	93.05	1.54	57.55
34	21-1 10C	1.00	84.8	31.00	35.92	4.77	94.16	0.33	59.25
35	21-2 10D	1.00	107.5	61.00	25.61	37.39	93.08	6.85	60.89
36	21-3 10E	1.00	115.9	50.00	28.28	25.84	92.62	2.98	62.61
37	21-4 10F	1.00	108.4	215.00	13.64	202.95	93.04	1.12	64.25
38	21-5 10G	1.00	127.4	296.00	11.62	293.87	91.92	0.52	65.86

Bldg B Room 501/502 Walls

501/502 walls ↓	161	** -2 1A	1.00	108.3	25.00	40.00	7.64	93.52	13.50	265.10
	162	** -3 1B	1.00	117.3	36.00	33.33	19.60	93.05	11.39	266.74
	163	** -4 1c	1.00	110.1	22.00	42.64	4.46	93.43	8.47	268.24
	164	** -5 2A	1.00	116.0	26.00	39.22	8.83	93.12	25.40	269.89
	165	** -6 2B	1.00	112.5	32.00	35.36	15.20	93.31	8.72	271.50
	166	** -7 2c	1.00	113.0	28.00	37.80	10.92	93.28	7.72	273.15
	167	** -8 3A	1.00	110.7	38.00	32.44	21.59	93.40	10.68	274.77
	168	** -9 3B	1.00	109.8	26.00	39.22	8.73	93.45	10.47	276.41
	169	** -10 3c	1.00	111.1	30.00	36.51	13.04	93.38	10.88	278.03
	170	** -11 4A	1.00	111.0	24.00	40.82	6.61	93.38	7.83	279.66
	171	** -12 4B	1.00	113.4	34.00	34.30	17.36	93.26	7.89	281.29
	172	** -13 4c	1.00	112.6	38.00	32.44	21.64	93.30	11.94	282.92
	173	** -14 5A	1.00	108.7	33.00	34.82	16.20	93.50	8.51	284.53
	174	** -15 5B	1.00	108.1	29.00	37.14	11.91	93.53	6.87	286.18
	175	** -16 5c	1.00	112.5	34.00	34.30	17.35	93.31	6.92	287.80
	176	** -17 6A	1.00	109.7	41.00	31.23	24.78	93.45	9.89	289.44
	177	** -18 6B	1.00	108.7	28.00	37.80	10.86	93.50	8.46	290.95
178	38-1 6c	1.00	113.1	39.00	32.03	22.72	93.27	7.88	292.80	
179	38-2 7A	1.00	109.4	30.00	36.51	13.01	93.46	7.85	294.42	
180	38-3 7B	1.00	109.9	33.00	34.82	16.23	93.44	9.18	296.05	
181	38-4 7c	1.00	111.3	34.00	34.30	17.32	93.37	10.87	297.67	
182	38-5 8A	1.00	112.4	34.00	34.30	17.34	93.31	9.57	299.30	
183	38-6 8B	1.00	106.4	24.00	40.82	6.55	93.61	8.31	300.91	
184	38-7 8c	1.00	109.7	26.00	39.22	8.73	93.45	10.74	302.57	
185	38-8 9A	1.00	110.3	36.00	33.33	19.44	93.42	9.04	304.18	
186	38-9 9B	1.00	110.3	35.00	33.81	18.37	93.42	11.16	305.82	
187	38-10 9c	1.00	117.2	32.00	35.36	15.30	93.06	17.40	307.44	
188	38-11 10A	1.00	109.5	23.00	41.70	5.52	93.46	9.49	309.08	
189	38-12 10B	1.00	110.0	25.00	40.00	7.67	93.43	11.02	310.70	
190	38-13 10c	1.00	111.2	35.00	33.81	18.39	93.37	13.05	312.33	
191	38-14 11A	1.00	112.0	30.00	36.51	13.05	93.33	16.76	313.95	
192	38-15 11B	1.00	110.7	26.00	39.22	8.75	93.40	10.68	315.60	
193	38-16 11c	1.00	110.9	27.00	38.49	9.82	93.39	11.75	317.22	
194	38-17 12A	1.00	115.5	53.00	27.47	37.81	93.15	13.15	318.86	
195	38-18 12B	1.00	110.7	40.00	31.62	23.73	93.40	6.56	320.48	
196	52-1 12c	1.00	110.8	24.00	40.82	6.61	93.39	15.28	322.21	
197	52-2 13A	1.00	110.6	31.00	35.92	14.10	93.41	7.89	323.83	
198	52-3 13B	1.00	112.0	25.00	40.00	7.69	93.33	8.57	325.48	
199	52-4 13c	1.00	110.0	34.00	34.30	17.30	93.44	8.97	327.10	
200	52-5 14A	1.00	113.1	35.00	33.81	18.43	93.27	6.09	328.73	
201	52-6 14B	1.00	113.5	37.00	32.88	20.58	93.26	7.95	330.35	
202	52-7 14c	1.00	111.9	45.00	29.81	29.12	93.34	5.38	331.98	
203	52-8 15A	1.00	115.0	27.00	38.49	9.89	93.17	12.51	333.60	
204	52-9 15B	1.00	110.7	24.00	40.82	6.61	93.40	12.55	335.25	
205	52-10 15c	1.00	110.7	36.00	33.33	19.45	93.40	5.86	336.87	
206	52-11 16A	1.00	114.8	41.00	31.23	24.91	93.19	6.71	338.51	
207	52-12 16B	1.00	111.9	37.00	32.88	20.55	93.34	9.57	340.13	
208	52-13 16c	1.00	112.7	56.00	26.73	40.93	93.29	6.53	341.77	
209	52-14 17A	1.00	109.6	21.00	43.64	3.38	93.46	7.19	343.27	
210	52-15 17B	1.00	110.9	42.00	30.86	25.88	93.39	6.58	344.91	
211	52-16 17c	1.00	110.7	43.00	30.50	26.95	93.40	5.75	346.53	
212	52-17 18A	1.00	109.7	30.00	36.51	13.01	93.45	11.97	348.17	

South Wall

West Wall

North Wall

501/502

SAM NO	POS	TIME MIN	H#	14C		14C	14C	LUMEX %	ELAPSED TIME
				CPM	%ERROR	DPM	EFF-1		
213	52-1818A	1.00	112.1	52.00	27.74	36.63	93.33	5.84	349.80
214	48-1 18c	1.00	111.1	59.00	26.04	44.09	93.38	6.90	351.55
215	48-2 19A	1.00	105.6	25.00	40.00	7.60	93.65	11.81	353.16
216	48-3 19B	1.00	109.5	34.00	34.30	17.29	93.46	7.49	354.80
217	48-4 19C	1.00	114.3	56.00	26.73	40.99	93.21	6.39	356.41
218	48-5 20A	1.00	111.1	37.00	32.88	20.53	93.38	7.31	358.06
219	48-6 20B	1.00	108.8	31.00	35.92	14.07	93.49	5.59	359.66
220	48-7 20C	1.00	109.0	39.00	32.03	22.63	93.48	5.64	361.31
221	48-8 21A	1.00	110.3	35.00	33.81	18.37	93.42	8.63	362.93
222	48-9 21B	1.00	112.6	32.00	35.36	15.21	93.30	8.89	364.57
223	48-10 21C	1.00	109.1	59.00	26.04	44.02	93.48	4.00	366.18
224	48-11 22A	1.00	106.5	31.00	35.92	14.03	93.61	9.28	367.82
225	48-12 22B	1.00	110.6	30.00	36.51	13.03	93.40	7.69	369.43
226	48-13 22C	1.00	110.0	62.00	25.40	47.26	93.44	4.62	371.09
227	48-14 23A	1.00	107.2	28.00	37.80	10.83	93.57	9.20	372.70
228	48-15 23B	1.00	111.8	25.00	40.00	7.69	93.34	16.73	374.36
229	48-16 23C	1.00	111.2	27.00	38.49	9.82	93.37	8.79	375.96
230	48-17 24A	1.00	109.8	32.00	35.36	15.15	93.45	7.99	377.62
231	48-18 24B	1.00	111.2	37.00	32.88	20.53	93.37	9.57	379.23
232	10-1 24C	1.00	111.1	45.00	29.81	29.10	93.38	6.00	380.97
233	10-2 25A	1.00	107.1	29.00	37.14	11.90	93.58	13.05	382.59
234	10-3 25B	1.00	110.8	33.00	34.82	16.24	93.39	10.26	384.23
235	10-4 25C	1.00	101.9	31.00	35.92	13.95	93.82	6.99	385.84
236	10-5 26A	1.00	108.2	30.00	36.51	12.99	93.53	22.33	387.49
237	10-6 26B	1.00	109.0	27.00	38.49	9.79	93.48	11.13	389.12
238	10-7 26C	1.00	107.0	30.00	36.51	12.97	93.58	6.92	390.75
239	10-8 27A	1.00	108.1	27.00	38.49	9.78	93.53	13.56	392.37
240	10-9 27B	1.00	114.0	37.00	32.88	20.60	93.23	6.53	394.01
241	10-10 27C	1.00	105.3	39.00	32.03	22.55	93.66	6.57	395.63
242	10-11 28A	1.00	106.6	32.00	35.36	15.10	93.60	8.73	397.15
243	10-12 28B	1.00	106.9	42.00	30.86	25.79	93.59	5.49	398.77
244	10-13 28C	1.00	105.8	40.00	31.62	23.62	93.64	4.40	400.28
245	10-14	1.00	125.7	29.00	37.14	12.24	92.56	19.81	401.90
246	10-15	1.00	117.2	36.00	33.33	19.59	93.06	23.77	403.55
247	10-16	1.00	120.5	41.00	31.23	25.05	92.87	10.31	405.19
248	10-17	1.00	123.0	47.00	29.17	31.59	92.73	28.80	406.85

N. Wall

East Wall

South Wall

501/502 walls

LIVING

STREAN

SAM NO	POS	TIME MIN	H#	14C		14C DFM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
39	21-6 <i>10J</i>	1.00	117.8	40.00	31.62	15.09	92.51	6.97	67.51
40	21-7 <i>10K</i>	1.00	119.9	118.00	18.41	99.58	92.39	2.60	69.13
41	21-8	1.00	119.1	63.00	25.20	40.01	92.44	5.43	70.77
42	21-9	1.00	113.4	47.00	29.17	22.52	92.76	5.72	72.38
43	21-10	1.00	114.0	48.00	28.87	23.62	92.73	7.66	74.13
44	21-11	1.00	110.5	83.00	21.95	61.18	92.92	4.00	75.75
45	21-12	1.00	109.2	57.00	26.49	33.15	92.99	3.29	77.40
46	21-13	1.00	108.3	159.00	15.86	142.75	93.04	1.03	79.11
47	21-14	1.00	106.7	95.00	20.52	73.87	93.12	2.34	80.85
48	21-15	1.00	125.1	125.00	17.89	107.62	92.07	0.72	82.56
49	21-16	1.00	107.2	113.00	18.81	93.23	93.10	1.84	84.19
50	21-17	0.99	108.2	146.46	16.61	129.26	93.05	1.71	85.78
51	21-18	1.00	115.2	56.00	26.73	32.29	92.66	7.85	87.58

Fume Hood in 504

ID:BLDG B

BLDG B BATHROOM/501.502 FLOOR

20 APR 2009 04:44

USER:18

COMMENT: SAMPLES

PRESET TIME : 1.00

TA CALC : SL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : STD
 JNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 TWO PHASE : NO AQC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low:-0.313 High:326.03

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
B1	16-1	1.00	93.2	16.00	50.00	16.98	94.20	0.91	1.53
B2	16-2	1.00	94.2	25.00	40.00	26.55	94.16	0.86	3.14
Blank Average				DPM	for	14C :	21.77	COEF. OF	VAR: 31.073

501/502 floor

1	16-4	19D	1.00	106.6	28.00	37.80	8.15	93.60	6.41	4.76
2	16-5	19E	1.00	113.1	22.00	42.64	1.82	93.27	9.35	6.39
3	16-6	19F	1.00	104.9	22.00	42.64	1.72	93.68	7.94	8.00
4	16-7	19G	1.00	103.9	27.00	38.49	7.04	93.73	5.84	9.63
5	16-8	19H	1.00	107.4	30.00	36.51	10.30	93.56	7.16	11.24
6	16-9	19I	1.00	107.3	28.00	37.80	8.16	93.57	10.12	12.88
7	16-10	19J	1.00	113.1	30.00	36.51	10.40	93.28	16.63	14.50
8	16-11	19K	1.00	108.9	33.00	34.82	13.53	93.49	8.28	16.13
9	16-12	20A	1.00	113.8	25.00	40.00	5.05	93.24	11.46	17.75
10	16-13	20B	1.00	111.7	31.00	35.92	11.44	93.35	5.40	19.38
11	16-14	20C	1.00	110.1	31.00	35.92	11.41	93.43	6.67	21.00
12	16-15	20D	1.00	114.1	86.00	21.57	70.49	93.22	52.05	22.68
13	16-16	20E	1.00	112.5	21.00	43.64	0.74	93.31	10.71	24.30
14	16-17	20F	1.00	105.9	28.00	37.80	8.14	93.64	5.99	25.93
15	16-18	20G	1.00	108.6	28.00	37.80	8.18	93.51	9.98	27.55
16	10-1	20H	1.00	112.0	21.00	43.64	0.73	93.33	16.56	29.30
17	10-2	21A	1.00	111.4	33.00	34.82	13.58	93.36	7.87	30.91
18	10-3	21B	1.00	106.0	22.00	42.64	1.73	93.63	9.00	32.55
19	10-4	21C	1.00	109.7	24.00	40.82	3.91	93.45	10.05	34.18
20	10-5	21D	1.00	107.4	22.00	42.64	1.75	93.56	7.91	35.82
21	10-6	21E	1.00	113.2	32.00	35.36	12.54	93.27	8.96	37.43
22	10-7	21F	1.00	117.4	20.00	44.72	-0.27	93.05	13.24	39.07
23	10-8	21G	1.00	111.5	24.00	40.82	3.94	93.36	5.99	40.68
24	10-9	21H	1.00	112.9	21.00	43.64	0.74	93.29	9.96	42.34
25	10-10	22A	1.00	117.1	27.00	38.49	7.25	93.06	15.59	43.96
26	10-11	22B	1.00	117.7	44.00	30.15	25.53	93.03	8.88	45.60
27	10-12	22C	1.00	114.5	34.00	34.30	14.71	93.20	5.79	47.21
28	10-13	22D	1.00	108.8	33.00	34.82	13.53	93.49	9.34	48.85
29	10-14	22E	1.00	111.4	31.00	35.92	11.44	93.37	8.39	50.46
30	10-15	22F	1.00	115.0	34.00	34.30	14.72	93.18	5.16	52.11
31	10-16	22G	1.00	119.8	51.00	28.01	33.12	92.91	18.36	53.74
32	10-17	22H	1.00	114.1	28.00	37.80	8.27	93.22	4.97	55.38
33	10-18	22I	1.00	112.1	30.00	36.51	10.38	93.33	11.47	56.98
34	**-1	23A	1.00	115.4	27.00	38.49	7.22	93.15	6.82	58.73
35	**-2	23B	1.00	119.6	29.00	37.14	9.44	92.93	6.36	60.35
36	**-3	23C	1.00	117.1	35.00	33.81	15.84	93.06	5.88	61.98
37	**-4	23D	1.00	109.3	28.00	37.80	8.19	93.47	9.15	63.60
38	**-5	23E	1.00	109.8	31.00	35.92	11.41	93.44	7.62	65.25

501/502

7/25/65

2006

SAM NO	POS	TIME MIN	H#	14C		14C	14C	LUMEX	ELAPSED
				CPM	%ERROR	DPM	EFF-1	%	TIME
39	**6-235	1.00	111.5	30.00	36.51	10.37	93.36	8.93	66.86
0	**7-23K	1.00	120.1	66.00	24.62	49.28	92.90	4.49	68.60

25 APR 2009 07:56

ID:BLDG B

USER:20

COMMENT:ROOM 501 RESWIPES

PRESET TIME : 1.00
 DATA CALC : SL DPM H# :YES SAMPLE REPEATS: 1 PRINTER : STD
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 TWO PHASE : NO ACC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low: 0.010 High:325.27

SAM NO	POS	TIME MIN	H#	<u>14C</u>		14C	14C	LUMEX	ELAPSED
				CPM	%ERROR	DPM	EFF-1	%	TIME
B1	6-1	1.00	84.0	57.00	26.49	60.51	94.20	0.27	1.62
B2	6-2	1.00	85.8	28.00	37.80	29.75	94.12	0.41	3.22
Blank Average				DPM for	14C :	45.13 COEF. OF VAR:		48.196	
1	6-4	1.00	113.4	187.00	14.63	156.46	92.76	0.75	4.95
2	6-5	1.00	115.0	44.00	30.15	2.35	92.67	5.73	6.56
3	6-6	1.00	112.6	108.00	19.25	71.24	92.81	2.04	8.30
4	6-7	1.00	120.4	49.00	28.57	7.92	92.36	8.21	9.92

1- #6D Ceiling
 2- #10D Ceiling
 3- #10H Ceiling
 4- #10I Ceiling

BLDG B ROOM 501/502		WALLS 23 Apr 2009			
Control	<200 dpm				
Control	<200 dpm				
Blank					
1A	<200 dpm	14B	<200 dpm	27C	<200 dpm
1B	<200 dpm	14C	<200 dpm	28A	<200 dpm
1C	<200 dpm	15A	<200 dpm	28B	<200 dpm
2A	<200 dpm	15B	<200 dpm	28C	<200 dpm
2B	<200 dpm	15C	<200 dpm		
2C	<200 dpm	16A	<200 dpm		
3A	<200 dpm	16B	<200 dpm		
3B	<200 dpm	16C	<200 dpm		
3C	<200 dpm	17A	<200 dpm		
4A	<200 dpm	17B	<200 dpm		
4B	<200 dpm	17C	<200 dpm		
4C	<200 dpm	18A	<200 dpm		
5A	<200 dpm	18B	<200 dpm		
5B	<200 dpm	18C	<200 dpm		
5C	<200 dpm	19A	<200 dpm		
6A	<200 dpm	19B	<200 dpm		
6B	<200 dpm	19C	<200 dpm		
6C	<200 dpm	20A	<200 dpm		
7A	<200 dpm	20B	<200 dpm		
7B	<200 dpm	20C	<200 dpm		
7C	<200 dpm	21A	<200 dpm		
8A	<200 dpm	21B	<200 dpm		
8B	<200 dpm	21C	<200 dpm		
8C	<200 dpm	22A	<200 dpm		
9A	<200 dpm	22B	<200 dpm		
9B	<200 dpm	22C	<200 dpm		
9C	<200 dpm	23A	<200 dpm		
10A	<200 dpm	23B	<200 dpm		
10B	<200 dpm	23C	<200 dpm		
10C	<200 dpm	24A	<200 dpm		
11A	<200 dpm	24B	<200 dpm		
11B	<200 dpm	24C	<200 dpm		
11C	<200 dpm	25A	<200 dpm		
12A	<200 dpm	25B	<200 dpm		
12B	<200 dpm	25C	<200 dpm		
12C	<200 dpm	26A	<200 dpm		
13A	<200 dpm	26B	<200 dpm		
13B	<200 dpm	26C	<200 dpm		
13C	<200 dpm	27A	<200 dpm		
14A	<200 dpm	27B	<200 dpm		

BLDG B ROOM 501/502	CEILING 23 Apr 2009		
Control	<200 dpm		
Control	<200 dpm		
Blank			
6D	<200 dpm		REPEAT TESTS
6E	305 dpm		
6F	<200 dpm		6E <200 dpm
6G	<200 dpm		10D <200 dpm
6H	<200 dpm		10H <200 dpm
6I	<200 dpm		10I <200 dpm
6J	<200 dpm		
6K	<200 dpm		
7D	<200 dpm		
7E	<200 dpm		
7F	<200 dpm		
7G	<200 dpm		
7H	<200 dpm		
7I	<200 dpm		
7J	<200 dpm		
7K	<200 dpm		
8D	<200 dpm		
8E	<200 dpm		
8F	<200 dpm		
8G	<200 dpm		
8H	<200 dpm		
8I	<200 dpm		
8J	<200 dpm		
8K	<200 dpm		
9D	<200 dpm		
9E	<200 dpm		
9F	<200 dpm		
9G	<200 dpm		
9H	<200 dpm		
9I	<200 dpm		
9J	<200 dpm		
9K	<200 dpm		
10D	223 dpm		
10E	<200 dpm		
10F	<200 dpm		
10G	<200 dpm		
10H	203 dpm		
10I	294 dpm		
10J	<200 dpm		
10K	<200 dpm		

24A	25A	26A	27A	28A	1A	2A	3A	4A	5A
24B	25B	26B	27B	28B	1B	2B	3B	4B	5B
24C	25C	26C	27C	28C	1C	2C	3C	4C	5C

Room Survey Date: 20 April 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

S/N: PR276541

Survey Readings: <100 cpm

6A	7A	8A	9A	10A
6B	7B	8B	9B	10B
6C	7C	8C	9C	10C

Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

11 A	12A	13A	14A	15A	16A	17A	18A
11 B	12B	13B	14B	15B	16B	17B	18B
11C	12C	13C	14C	15C	16C	17C	18C

Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

19A	20A	21A	22A	23A
19B	20B	21B	22B	23B
19C	20C	21C	22C	23C

Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

19D	20D	21D	22D	23D
19E	20E	21E	22E	23E
19F	20F	21F	22F	23F
19G	20G	21G	22G	23G
19H	20H	21H	22H	23H
19I	20I	21I	22I	23I
19J	20J	21J	22J	23J
19K	20K	21K	22K	23K

E ↑

Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

6K	7K	8K	9K	10K
6J	7J	8J	9J	10J
6I	7I	8I	9I	10I
6H	7H	8H	9H	10H
6G	7G	8G	9G	10G
6F	7F	8F	9F	10F
6E	7E	8E	9E	10E
6D	7D	8D	9D	10D

E↑

Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

ID:BLDG B

24 APR 2009 06:33

USER:20

COMMENT:ROOM 503

PRESET TIME : 1.00
 DATA CALC : SL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : STD
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 TWO PHASE : NO AGC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low: 0.010 High:325.27

SAM NO	POS	TIME MIN	H#	<u>14C</u>		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
B1	34-1	1.00	82.5	25.00	40.00	26.52	94.26	0.41	1.53
B2	34-2	1.00	85.3	27.00	38.49	28.68	94.14	0.36	3.12
Blank Average				DPM	for 14C :	27.60	COEF. OF VAR:	5.532	
- 1	34-4	1.00	109.1	93.00	20.74	72.40	93.00	2.15	4.86
2	34-5	1.00	112.0	339.00	10.86	337.54	92.84	0.72	6.58
3	34-6	1.00	111.4	120.00	18.26	101.61	92.87	2.09	8.30
4	34-7	1.00	113.5	192.00	14.43	179.40	92.75	0.75	9.90
5	34-8	1.00	109.3	162.00	15.71	146.62	92.99	1.91	11.65
6	34-9	1.00	107.7	77.00	22.79	55.13	93.07	2.28	13.26
7	34-10	1.00	109.2	174.00	15.16	159.52	92.99	1.51	14.88
8	34-11	1.00	107.3	90.00	21.08	69.08	93.09	1.64	16.49
9	34-12	1.00	104.6	138.00	17.03	120.42	93.23	0.95	18.12
10	34-13	1.00	106.0	72.00	23.57	49.69	93.16	2.92	19.85
11	34-14	1.00	100.2	65.00	24.81	41.95	93.45	2.36	21.48
12	34-15	1.00	110.6	60.00	25.82	36.97	92.92	2.61	23.09
13	34-16	1.00	111.1	65.00	24.81	42.37	92.89	3.33	24.73
14	34-17	1.00	86.2	37.00	32.88	11.72	94.10	0.16	26.34
15	34-18	1.00	86.5	39.00	32.03	13.85	94.09	0.14	28.05
16	50-1	1.00	125.9	59.00	26.04	36.52	92.02	6.52	29.76
17	50-2	1.00	121.1	63.00	25.20	40.65	92.31	6.43	31.52
18	50-3	1.00	123.6	45.00	29.81	21.22	92.16	6.49	33.23
19	50-4	1.00	123.2	57.00	26.49	34.23	92.19	5.42	34.86
20	50-5	1.00	113.3	43.00	30.50	18.75	92.76	7.15	36.48
21	50-6	1.00	111.6	53.00	27.47	29.47	92.86	7.40	38.13
22	50-7	1.00	119.5	48.00	28.87	24.34	92.41	6.47	39.75
23	50-8	1.00	124.4	61.00	25.61	38.62	92.11	7.36	41.38
24	50-9	1.00	118.2	55.00	26.97	31.87	92.48	4.54	43.10
25	50-10	1.00	114.9	49.00	28.57	25.27	92.68	4.04	44.84
26	50-11	1.00	115.1	50.00	28.28	26.36	92.66	4.56	46.46
27	50-12	1.00	110.5	52.00	27.74	28.36	92.92	2.79	48.09
28	50-13	1.00	112.7	55.00	26.97	31.66	92.80	3.20	49.70
29	50-14	1.00	119.7	49.00	28.57	25.43	92.40	6.20	51.35
30	50-15	1.00	121.3	61.00	25.61	38.49	92.30	7.14	52.97
31	50-16	1.00	115.7	36.00	33.33	11.26	92.63	5.84	54.60
32	50-17	1.00	116.3	50.00	28.28	26.39	92.60	4.90	56.21
33	50-18	1.00	107.9	228.00	13.25	217.41	93.06	1.41	57.86
34	21-1	1.00	84.9	30.00	36.51	4.26	94.16	0.38	59.55
35	21-2	1.00	108.2	63.00	25.20	40.11	93.04	4.29	61.19
36	21-3	1.00	114.5	51.00	28.01	27.42	92.70	2.32	62.79
37	21-4	1.00	109.0	192.00	14.43	178.85	93.00	1.14	64.53
38	21-5	1.00	125.9	285.00	11.85	282.12	92.02	0.47	66.25

North walls

South walls

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
39	21-6	1.00	118.0	48.00	28.87	24.29	92.50	5.42	68.00
40	21-7	1.00	119.8	85.00	21.69	64.39	92.39	3.16	69.61
41	21-8	1.00	118.8	55.00	26.97	31.89	92.45	5.15	71.27
42	21-9	1.00	114.2	54.00	27.22	30.64	92.72	3.83	72.98
43	21-10	1.00	114.7	42.00	30.86	17.71	92.69	7.25	74.61
44	21-11	1.00	110.5	89.00	21.20	68.18	92.92	3.40	76.23
45	21-12	1.00	109.4	55.00	26.97	31.55	92.98	2.82	77.86
46	21-13	1.00	109.2	145.00	16.61	128.33	92.99	1.04	79.48
47	21-14	1.00	106.5	84.00	21.82	62.59	93.13	2.27	81.11
48	21-15	1.00	124.8	105.00	19.52	86.42	92.09	0.77	82.71
49	21-16	1.00	107.3	113.00	18.81	93.78	93.09	1.58	84.34
50	21-17	1.00	107.8	148.00	16.44	131.43	93.06	1.51	85.96
51	21-18	1.00	114.9	55.00	26.97	31.74	92.68	5.80	87.70
52	14-1	1.00	111.7	66.00	24.62	43.48	92.85	3.58	89.41
53	14-2	1.00	107.8	67.00	24.43	44.39	93.07	2.94	91.17
54	14-3	1.00	109.5	57.00	26.49	33.71	92.97	5.79	92.78
55	14-4	1.00	112.0	68.00	24.25	45.65	92.84	3.06	94.41
56	14-5	1.00	109.0	66.00	24.62	43.37	93.00	2.04	96.03
57	14-6	1.00	106.7	67.00	24.43	44.35	93.12	2.48	97.78
58	14-7	1.00	111.5	56.00	26.73	32.70	92.87	3.35	99.37
59	14-8	1.00	138.3	69.00	24.08	48.07	91.18	1.29	101.01
60	14-9	1.00	111.5	147.00	16.50	130.69	92.87	1.84	102.63
61	14-10	1.00	119.6	78.00	22.65	56.81	92.40	1.53	104.37
62	14-11	1.00	112.3	73.00	23.41	51.05	92.82	1.64	105.97
63	14-12	1.00	108.1	79.00	22.50	57.30	93.05	2.43	107.61
64	14-13	1.00	113.0	84.00	21.82	62.93	92.79	1.86	109.23
65	14-14	1.00	103.7	83.00	21.95	61.38	93.28	1.63	110.86
66	14-15	1.00	107.7	44.00	30.15	19.67	93.07	3.40	112.58
67	14-16	1.00	119.7	51.00	28.01	27.59	92.40	6.74	114.21
68	14-17	1.00	120.7	60.00	25.82	37.37	92.34	6.95	115.83
69	14-18	1.00	103.6	29.00	37.14	3.49	93.28	4.27	117.58
70	6-1	1.00	99.2	88.00	21.32	66.51	93.50	1.99	119.30
71	6-2	1.00	114.7	82.00	22.09	60.87	92.69	6.14	120.93
72	6-3	1.00	109.1	144.00	16.67	127.25	92.99	1.71	122.55
73	6-4	1.00	113.0	121.00	18.18	102.81	92.78	0.85	124.19
74	6-5	1.00	116.7	63.00	25.20	40.45	92.57	4.71	125.79
75	6-6	1.00	108.2	59.00	26.04	35.81	93.04	4.49	127.45
76	6-7	1.00	109.1	108.00	19.25	88.53	93.00	2.49	129.16
77	6-8	1.00	108.7	131.00	17.47	113.23	93.02	2.19	130.80
78	6-9	1.00	110.9	302.00	11.51	297.48	92.90	0.70	132.41
79	6-10	1.00	120.1	75.00	23.09	53.59	92.37	1.99	134.14
80	6-11	1.00	85.9	33.00	34.82	7.46	94.11	0.40	135.75
81	6-12	1.00	102.9	60.00	25.82	36.69	93.32	3.56	137.39
82	6-13	1.00	125.0	62.00	25.40	39.74	92.07	4.04	139.00
83	6-14	1.00	110.6	93.00	20.74	72.49	92.92	4.42	140.65
84	6-15	1.00	106.4	59.00	26.04	35.75	93.14	4.47	142.37
85	6-16	1.00	109.5	122.00	18.11	103.62	92.97	2.31	144.01
86	6-17	1.00	111.4	73.00	23.41	51.00	92.87	3.75	145.63
87	6-18	1.00	100.8	115.00	18.65	95.50	93.42	1.69	147.26
88	14-1	1.00	99.9	54.00	27.22	30.17	93.47	3.39	149.07
89	14-2	1.00	132.8	53.00	27.47	30.28	91.56	11.11	150.72
90	14-3	1.00	128.3	53.00	27.47	30.09	91.87	5.03	152.43
91	14-4	1.00	110.3	43.00	30.50	18.67	92.93	4.56	154.08
92	14-5	1.00	114.7	43.00	30.50	18.79	92.69	5.69	155.69
93	14-6	1.00	124.0	56.00	26.73	33.18	92.14	7.41	157.44
94	14-7	1.00	131.3	56.00	26.73	33.49	91.67	8.40	159.05
95	14-8	1.00	85.7	49.00	28.57	24.46	94.12	0.19	160.69
96	14-9	1.00	112.0	700.00	7.56	726.41	92.84	0.31	162.30

East Walls

West Walls

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
97	14-10	1.00	114.2	56.00	26.73	32.80	92.71	4.42	164.05
98	14-11	1.00	124.3	52.00	27.74	28.85	92.12	6.72	165.67
99	14-12	1.00	115.7	54.00	27.22	30.69	92.63	4.63	167.32
100	14-13	1.00	107.9	100.00	20.00	79.85	93.06	1.66	168.93
101	14-14	1.00	114.3	578.00	8.32	595.86	92.71	0.33	170.66
102	14-15	1.00	110.8	43.00	30.50	18.68	92.90	5.71	172.28
103	14-16	1.00	99.9	136.00	17.15	117.91	93.47	0.96	173.93
104	14-17	1.00	103.7	82.00	22.09	60.31	93.28	2.97	175.53
105	14-18	1.00	84.4	32.00	35.36	6.38	94.18	0.40	177.17
106	51-1	1.00	113.0	50.00	28.28	26.29	92.78	4.71	178.98
107	51-2	1.00	124.7	51.00	28.01	27.78	92.09	8.59	180.72
108	51-3	1.00	108.9	110.00	19.07	90.67	93.01	1.05	182.33
109	51-4	1.00	107.2	46.00	29.49	21.81	93.09	3.90	183.98
110	51-5	1.00	112.1	122.00	18.11	103.82	92.83	1.94	185.59
111	51-6	1.00	112.4	168.00	15.43	153.40	92.81	0.80	187.33
112	51-7	1.00	106.1	76.00	22.94	53.99	93.15	2.57	188.93
113	51-8	1.00	100.0	56.00	26.73	32.31	93.46	2.96	190.57
114	51-9	1.00	108.8	82.00	22.09	60.56	93.01	2.33	192.28
115	51-10	1.00	111.4	175.00	15.12	160.83	92.87	1.76	193.93
116	51-11	1.00	107.4	81.00	22.22	59.41	93.09	2.18	195.54
117	51-12	1.00	108.5	185.00	14.70	171.26	93.03	1.39	197.18
118	51-13	1.00	106.4	90.00	21.08	69.03	93.14	1.70	198.79
119	51-14	1.00	85.1	36.00	33.33	10.64	94.15	0.15	200.52
120	51-15	1.00	86.1	30.00	36.51	4.28	94.10	0.15	202.22
121	51-16	1.00	110.5	54.00	27.22	30.51	92.92	2.89	203.96
122	51-17	1.00	109.3	60.00	25.82	36.93	92.98	3.53	205.58
123	51-18	1.00	108.5	141.00	16.84	123.97	93.03	0.96	207.33
124	**-1	1.00	118.5	102.00	19.80	82.70	92.47	1.93	209.05
125	**-2	1.00	105.8	59.00	26.04	35.72	93.17	4.33	210.70
126	**-3	1.00	107.9	68.00	24.25	45.47	93.06	3.99	212.42
127	**-4	1.00	108.7	47.00	29.17	22.93	93.02	4.59	214.15
128	**-5	1.00	114.2	53.00	27.47	29.56	92.72	5.17	215.87
129	**-6	1.00	112.3	53.00	27.47	29.50	92.82	3.65	217.51
130	**-7	1.00	117.9	51.00	28.01	27.53	92.51	7.24	219.13
131	**-8	1.00	115.7	45.00	29.81	20.98	92.63	7.49	220.76
132	**-9	1.00	117.3	56.00	26.73	32.91	92.54	6.42	222.38
133	**-10	1.00	116.5	61.00	25.61	38.28	92.59	4.88	224.01
134	**-11	1.00	113.2	63.00	25.20	40.30	92.77	3.98	225.61
135	**-12	1.00	107.9	51.00	28.01	27.20	93.06	4.24	227.26
136	**-13	1.00	121.7	56.00	26.73	33.08	92.28	8.70	228.87
137	**-14	1.00	113.0	42.00	30.86	17.67	92.78	6.08	230.51
138	**-15	1.00	111.3	48.00	28.87	24.08	92.88	4.66	232.13
139	**-16	1.00	108.4	36.00	33.33	11.09	93.03	5.26	233.76
140	**-17	1.00	105.5	36.00	33.33	11.03	93.18	7.29	235.38
141	**-18	1.00	125.8	42.00	30.86	18.04	92.03	14.07	237.02
142	38-1	1.00	129.8	64.00	25.00	42.14	91.76	9.84	238.73
143	38-2	1.00	114.8	46.00	29.49	22.03	92.68	6.20	240.38
144	38-3	1.00	133.1	39.00	32.03	15.00	91.54	11.89	242.10
145	38-4	1.00	85.3	29.00	37.14	3.20	94.14	0.32	243.74
146	38-5	1.00	83.9	20.00	44.72	-6.37	94.20	0.31	245.34
147	38-6	1.00	109.7	38.00	32.44	13.27	92.97	4.57	246.97
148	38-7	1.00	110.8	58.00	26.26	34.83	92.90	3.56	248.70
149	38-8	1.00	114.7	39.00	32.03	14.48	92.69	8.95	250.33
150	38-9	1.00	108.6	53.00	27.47	29.38	93.02	2.76	252.05
151	38-10	1.00	109.2	44.00	30.15	19.71	92.99	3.62	253.69
152	38-11	1.00	125.8	64.00	25.00	41.94	92.02	4.80	255.30
153	38-12	1.00	117.0	64.00	25.00	41.54	92.56	4.92	257.05
154	38-13	1.00	113.2	49.00	28.57	25.21	92.77	5.14	258.67

Flood

|

Ceiling

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
155	38-14	1.00	112.6	65.00	24.81	42.44	92.81	4.23	260.31
156	38-15	1.00	109.9	57.00	26.49	33.72	92.95	3.65	262.01
157	38-16	1.00	115.2	60.00	25.82	37.15	92.66	5.33	263.76
158	38-17	1.00	115.5	41.00	31.23	16.65	92.64	7.24	265.38
159	38-18	1.00	120.3	50.00	28.28	26.53	92.36	7.96	267.12
160	31-1	1.00	117.4	60.00	25.82	37.24	92.53	4.35	268.83
161	31-2	1.00	106.6	54.00	27.22	30.38	93.13	4.47	270.46
162	31-3	1.00	117.3	54.00	27.22	30.75	92.54	4.87	272.08
163	31-4	1.00	108.8	41.00	31.23	16.48	93.01	6.08	273.71
164	31-5	1.00	120.5	31.00	35.92	5.97	92.35	7.72	275.34
165	31-6	1.00	114.5	67.00	24.43	44.68	92.70	6.25	277.07
166	31-7	1.00	111.6	41.00	31.23	16.55	92.86	3.39	278.78
167	31-8	1.00	104.7	52.00	27.74	28.18	93.23	2.88	280.42
168	31-9	1.00	107.9	50.00	28.28	26.13	93.06	3.35	282.03
169	31-10	1.00	109.0	66.00	24.62	43.37	93.00	3.28	283.77
170	31-11	1.00	103.1	47.00	29.17	22.77	93.31	3.09	285.38
171	31-12	1.00	110.9	56.00	26.73	32.68	92.90	4.02	287.03
172	31-13	1.00	106.2	55.00	26.97	31.44	93.15	3.26	288.65
173	31-14	1.00	104.5	61.00	25.61	37.82	93.24	4.18	290.28
174	31-15	1.00	108.4	47.00	29.17	22.92	93.03	4.39	291.90
175	31-16	1.00	113.1	38.00	32.44	13.36	92.78	9.19	293.53
176	31-17	1.00	104.7	45.00	29.81	20.67	93.22	3.79	295.25
177	31-18	1.00	109.4	41.00	31.23	16.49	92.98	5.47	296.88
178	29-1	1.00	107.5	42.00	30.86	17.52	93.08	4.04	298.60
179	29-2	1.00	112.9	53.00	27.47	29.52	92.79	5.60	300.23
180	29-3	1.00	114.9	39.00	32.03	14.48	92.67	10.89	301.95
181	29-4	1.00	111.2	36.00	33.33	11.16	92.88	8.27	303.70
182	29-5	1.00	106.9	37.00	32.88	12.14	93.11	6.08	305.31
183	29-6	1.00	124.5	54.00	27.22	31.03	92.11	7.79	307.05

Cedimig

Repeat of # 2

ID:BLDG B

25 APR 2009 06:41

USER:20

COMMENT:ROOM 503 RESWIPES

PRESET TIME : 1.00
 DATA CALC : SL DPM H# :YES SAMPLE REPEATS: 1 PRINTER : STD
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 TWO PHASE : NO AGC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low: 0.010 High:325.27

SAM NO	POS	TIME MIN	H#	<u>14C</u>		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
B1	6-1	1.00	83.9	51.00	28.01	54.14	94.20	0.31	1.54
B2	6-2	1.00	84.7	30.00	36.51	31.86	94.16	0.35	3.14
Blank Average				DPM	for 14C :	43.00		COEF. OF VAR:	36.640
1	6-4	1.00	109.7	124.00	17.96	90.38	92.96	1.97	4.78
2	6-5	1.00	107.5	58.00	26.26	19.31	93.08	6.97	6.38
3	6-6	1.00	110.8	93.00	20.74	57.10	92.91	3.45	8.01
4	6-7	1.00	121.5	53.00	27.47	14.43	92.29	6.74	9.62
5	6-8	1.00	123.6	62.00	25.40	24.27	92.16	9.68	11.27

1- # 2 North Wall
 2- # 33 South Wall
 3- # 78 West Wall
 4- # 96 Floor
 5 # 101 Floor

BLDG B ROOM 503		WALLS 24 Apr 2009				
Control	<200 dpm					
Control	<200 dpm					
Blank						
1	<200 dpm	41	<200 dpm	81	<200 dpm	REPEAT TESTS
2	338 dpm	42	<200 dpm	82	<200 dpm	
3	<200 dpm	43	<200 dpm	83	<200 dpm	2 <200 dpm
4	<200 dpm	44	<200 dpm	84	<200 dpm	33 <200 dpm
5	<200 dpm	45	<200 dpm			78 <200 dpm
6	<200 dpm	46	<200 dpm			
7	<200 dpm	47	<200 dpm			
8	<200 dpm	48	<200 dpm			
9	<200 dpm	49	<200 dpm			
10	<200 dpm	50	<200 dpm			
11	<200 dpm	51	<200 dpm			
12	<200 dpm	52	<200 dpm			
13	<200 dpm	53	<200 dpm			
14	<200 dpm	54	<200 dpm			
15	<200 dpm	55	<200 dpm			
16	<200 dpm	56	<200 dpm			
17	<200 dpm	57	<200 dpm			
18	<200 dpm	58	<200 dpm			
19	<200 dpm	59	<200 dpm			
20	<200 dpm	60	<200 dpm			
21	<200 dpm	61	<200 dpm			
22	<200 dpm	62	<200 dpm			
23	<200 dpm	63	<200 dpm			
24	<200 dpm	64	<200 dpm			
25	<200 dpm	65	<200 dpm			
26	<200 dpm	66	<200 dpm			
27	<200 dpm	67	<200 dpm			
28	<200 dpm	68	<200 dpm			
29	<200 dpm	69	<200 dpm			
30	<200 dpm	70	<200 dpm			
31	<200 dpm	71	<200 dpm			
32	<200 dpm	72	<200 dpm			
33	217 dpm	73	<200 dpm			
34	<200 dpm	74	<200 dpm			
35	<200 dpm	75	<200 dpm			
36	<200 dpm	76	<200 dpm			
37	<200 dpm	77	<200 dpm			
38	<200 dpm	78	297 dpm			
39	282 dpm	79	<200 dpm			
40	<200 dpm	80	<200 dpm			

BLDG B ROOM 503		FLOOR 24 Apr 2009			
Control	<200 dpm				
Control	<200 dpm				
Blank					
85	<200 dpm	125	<200 dpm	REPEAT TESTS	
86	<200 dpm	126	<200 dpm		
87	<200 dpm	127	<200 dpm	96	<200 dpm
88	<200 dpm	128	<200 dpm	101	<200 dpm
89	<200 dpm	129	<200 dpm		
90	<200 dpm	130	<200 dpm		
91	<200 dpm	131	<200 dpm		
92	<200 dpm	132	<200 dpm		
93	<200 dpm	133	<200 dpm		
94	<200 dpm				
95	<200 dpm				
96	726 dpm				
97	<200 dpm				
98	<200 dpm				
99	<200 dpm				
100	<200 dpm				
101	596 dpm				
102	<200 dpm				
103	<200 dpm				
104	<200 dpm				
105	<200 dpm				
106	<200 dpm				
107	<200 dpm				
108	<200 dpm				
109	<200 dpm				
110	<200 dpm				
111	<200 dpm				
112	<200 dpm				
113	<200 dpm				
114	<200 dpm				
115	<200 dpm				
116	<200 dpm				
117	<200 dpm				
118	<200 dpm				
119	<200 dpm				
120	<200 dpm				
121	<200 dpm				
122	<200 dpm				
123	<200 dpm				
124	<200 dpm				

BLDG B ROOM 503		CEILING 24 Apr 2009			
Control	<200 dpm				
Control	<200 dpm				
Blank					
134	<200 dpm	174	<200 dpm		
135	<200 dpm	175	<200 dpm		
136	<200 dpm	176	<200 dpm		
137	<200 dpm	177	<200 dpm		
138	<200 dpm	178	<200 dpm		
139	<200 dpm	179	<200 dpm		
140	<200 dpm	180	<200 dpm		
141	<200 dpm	181	<200 dpm		
142	<200 dpm	182	<200 dpm		
143	<200 dpm				
144	<200 dpm				
145	<200 dpm				
146	<200 dpm				
147	<200 dpm				
148	<200 dpm				
149	<200 dpm				
150	<200 dpm				
151	<200 dpm				
152	<200 dpm				
153	<200 dpm				
154	<200 dpm				
155	<200 dpm				
156	<200 dpm				
157	<200 dpm				
158	<200 dpm				
159	<200 dpm				
160	<200 dpm				
161	<200 dpm				
162	<200 dpm				
163	<200 dpm				
164	<200 dpm				
165	<200 dpm				
166	<200 dpm				
167	<200 dpm				
168	<200 dpm				
169	<200 dpm				
170	<200 dpm				
171	<200 dpm				
172	<200 dpm				
173	<200 dpm				

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21

Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

22	23	24	25	26	27	28
29	30	31	32	33	34	35
36	37	38	39	40	41	42

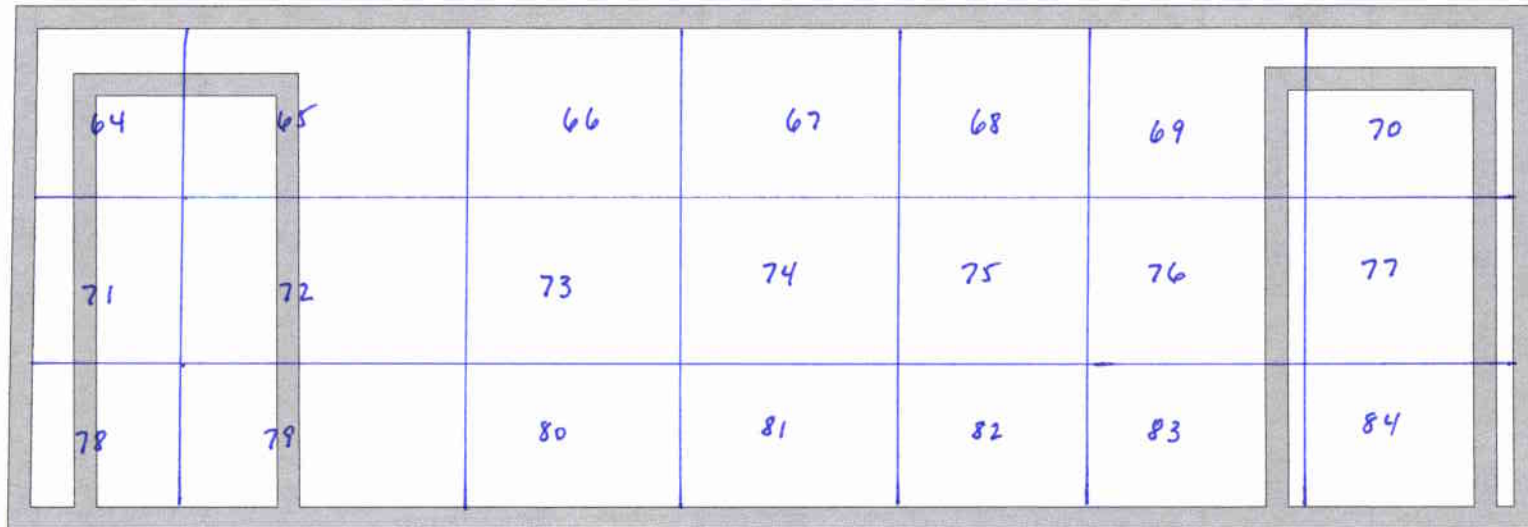
Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

43	44	45	46	47	48	49
50	51	52	53	54	55	56
57	58	59	60	61	62	63

Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm



Room Survey Date: 20 April 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

S/N: PR276541

Survey Readings: <100 cpm

E ↑

85	92	99	106	113	120	127
86	93	100	107	114	121	128
87	94	101	108	115	122	129
88	95	102	109	116	123	130
89	96	103	110	117	124	131
90	97	104	111	118	125	132
91	98	105	112	119	126	133

Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

E ↑

140	147	154	161	168	175	182
139	146	153	160	167	174	181
138	145	152	159	166	173	180
137	144	151	158	165	172	179
136	143	150	157	164	171	178
135	142	149	156	163	170	177
134	141	148	155	162	169	176

Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

ID:BLDG B

Room D
(Room 50A) Floor, wall, ceiling

23 APR 2009 13:25

USER:18

COMMENT: SAFETY OFFICE, CEILING OF IT

PRESET TIME : 1.00

(R) NS WAPROG

DATA CALC : SL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : STD
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 PHASE : NO AQC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low:-0.313 High:326.03

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CFM	%ERROR				
B1	16-1	1.00	93.3	27.00	38.49	28.66	94.20	1.42	1.51
B2	16-2	1.00	93.9	22.00	42.64	23.36	94.17	1.84	3.11
Blank Average				DPM	for 14C :	26.01	COEF. OF VAR:	14.411	

WALL ↓

1	16-4 1A	1.00	100.6	23.00	41.70	-1.51	93.88	13.02	4.75
2	16-5 1B	1.00	100.9	25.00	40.00	0.62	93.87	11.12	6.47
3	16-6 1C	1.00	102.5	33.00	34.82	9.17	93.80	10.10	8.10
4	16-7 2A	1.00	99.2	25.00	40.00	0.60	93.95	10.59	9.71
5	16-8 2B	1.00	100.2	35.00	33.81	11.26	93.90	12.55	11.35
6	16-9 2C	1.00	100.4	33.00	34.82	9.14	93.89	9.52	12.96
7	16-10 3A	1.00	98.7	20.00	44.72	-4.73	93.97	9.77	14.60
8	16-11 3B	1.00	100.7	26.00	39.22	1.68	93.88	10.88	16.21
9	16-12 3C	1.00	103.3	62.00	25.40	40.12	93.76	8.68	17.87
10	16-13 4A	1.00	107.1	43.00	30.50	19.94	93.58	8.09	19.48
11	16-14 4B	1.00	104.3	25.00	40.00	0.67	93.71	9.61	21.13
12	16-15 4C	1.00	102.9	33.00	34.82	9.18	93.78	9.34	22.75
13	16-16 5A	1.00	101.3	23.00	41.70	-1.50	93.85	11.04	24.27
14	16-17 5B	1.00	107.8	68.00	24.25	46.68	93.54	31.45	25.92
15	16-18 5C	1.00	121.1	77.00	22.79	56.93	92.84	24.84	27.57
16	**-1 6A	1.00	100.9	27.00	38.49	2.75	93.87	10.74	29.28
17	**-2 6B	1.00	110.7	61.00	25.61	39.30	93.40	10.44	30.93
18	**-3 6C	1.00	105.8	38.00	32.44	14.57	93.64	7.35	32.55
19	**-4 7A	1.00	102.8	22.00	42.64	-2.55	93.78	16.57	34.20
20	**-5 7B	1.00	100.3	27.00	38.49	2.74	93.90	11.88	35.82
21	**-6 7C	1.00	108.9	49.00	28.57	26.40	93.49	10.15	37.47
22	**-7 8A	1.00	103.4	41.00	31.23	17.72	93.75	7.72	39.08
23	**-8 8B	1.00	100.7	32.00	35.36	8.07	93.88	6.96	40.72
24	**-9 8C	1.00	115.0	67.00	24.43	45.89	93.18	14.03	42.36
25	**-10 9A	1.00	100.6	34.00	34.30	10.20	93.88	12.46	44.00
26	**-11 9B	1.00	101.4	29.00	37.14	4.89	93.85	7.02	45.60
27	**-12 9C	1.00	107.8	57.00	26.49	34.92	93.54	8.58	47.26
28	**-13 10A	1.00	100.9	38.00	32.44	14.47	93.87	7.68	48.87
29	**-14 10B	1.00	102.3	40.00	31.62	16.63	93.80	10.85	50.52
30	**-15 10C	1.00	102.8	38.00	32.44	14.51	93.78	15.26	52.14
31	**-16 11A	1.00	104.2	57.00	26.49	34.81	93.72	5.81	53.78
32	**-17 11B	1.00	102.4	37.00	32.88	13.43	93.80	9.17	55.39
33	**-18 11C	1.00	100.6	36.00	33.33	12.33	93.88	7.68	57.03
34	3-1 12A	1.00	105.5	67.00	24.43	45.53	93.66	5.83	58.75
35	3-2 12B	1.00	100.5	24.00	40.82	-0.45	93.89	14.86	60.38
36	3-3 12C	1.00	100.6	32.00	35.36	8.07	93.88	11.60	62.00
37	3-4 13A	1.00	111.4	39.00	32.03	15.76	93.36	10.14	63.66
38	3-5 13B	1.00	100.6	32.00	35.36	8.07	93.88	10.55	65.28

East Wall
Wall

SAM NO	POS	TIME MIN	H#	14C		14C	14C	LUMEX	ELAPSED
				CPM	%ERROR	DPM	EFF-1	%	TIME
39	3-6 13C	1.00	104.4	31.00	35.92	7.07	93.71	12.09	66.93
40	3-7 14A	1.00	107.1	46.00	29.49	23.15	93.58	8.98	68.55
41	3-8 14B	1.00	99.4	33.00	34.82	9.12	93.94	10.78	70.18
42	3-9 14C	1.00	99.6	38.00	32.44	14.45	93.93	6.27	71.80
43	3-10 15A	1.00	103.1	28.00	37.80	3.85	93.77	10.89	73.45
44	3-11 15B	1.00	99.7	31.00	35.92	6.99	93.92	11.78	75.07
45	3-12 15C	1.00	100.8	32.00	35.36	8.08	93.87	15.44	76.70
46	3-13 16A	1.00	99.8	24.00	40.82	-0.46	93.92	16.77	78.31
47	3-14 16B	1.00	99.8	39.00	32.03	15.51	93.92	6.08	79.96
48	3-15 16C	1.00	99.9	39.00	32.03	15.52	93.92	10.58	81.59
49	3-16 17A	1.00	102.6	24.00	40.82	-0.42	93.79	18.71	83.22
50	3-17 17B	1.00	102.4	32.00	35.36	8.10	93.80	12.93	84.83
51	3-18 17C	1.00	100.9	30.00	36.51	5.95	93.87	29.30	86.47
52	37-1 18A	1.00	103.6	35.00	33.81	11.32	93.74	15.96	88.20
53	37-2 18B	1.00	100.9	25.00	40.00	0.62	93.87	11.36	89.85
54	37-3 18C	1.00	98.7	26.00	39.22	1.66	93.96	7.86	91.46
55	37-4 19A	1.00	100.0	28.00	37.80	3.80	93.91	10.34	93.10
56	37-5 19B	1.00	100.6	36.00	33.33	12.33	93.88	9.29	94.72
57	37-6 19C	1.00	105.3	29.00	37.14	4.95	93.67	12.54	96.37
58	37-7 20A	1.00	101.6	46.00	29.49	23.01	93.84	6.65	98.09
59	37-8 20B	1.00	105.7	42.00	30.86	18.84	93.64	7.92	99.73
60	37-9 20C	1.00	117.7	44.00	30.15	21.29	93.03	11.11	101.35
61	37-10 21A	1.00	116.7	38.00	32.44	14.81	93.09	27.22	103.01
62	37-11 21B	1.00	107.8	40.00	31.62	16.75	93.55	9.13	104.62
63	37-12 21C	1.00	118.4	45.00	29.81	22.38	92.99	17.43	106.28
64	37-13 22A	1.00	113.7	27.00	38.49	2.94	93.24	16.55	107.90
65	37-14 22B	1.00	113.5	35.00	33.81	11.52	93.26	9.59	109.55
66	37-15 22C	1.00	124.7	67.00	24.43	46.32	92.63	28.73	111.18
67	37-16 23A	1.00	106.4	33.00	34.82	9.24	93.61	8.96	112.83
68	37-17 23B	1.00	104.1	26.00	39.22	1.73	93.72	12.23	114.45
69	37-18 23C	1.00	115.4	37.00	32.88	13.71	93.15	21.87	116.09
70	**-1 24A	1.00	103.6	24.00	40.82	-0.41	93.75	14.80	117.82
71	**-2 24B	1.00	102.1	70.00	23.90	48.61	93.81	4.30	119.45
72	**-3 24C	1.00	114.5	44.00	30.15	21.20	93.20	16.17	121.07
73	**-4 25A	1.00	105.8	23.00	41.70	-1.45	93.64	16.95	122.72
74	**-5 25B	1.00	107.0	32.00	35.36	8.18	93.58	9.26	124.35
75	**-6 25C	1.00	119.5	69.00	24.08	48.24	92.93	12.15	125.99
76	**-7 26A	1.00	103.8	32.00	35.36	8.13	93.73	6.76	127.62
77	**-8 26B	1.00	110.5	36.00	33.33	12.53	93.41	8.67	129.25
78	**-9 26C	1.00	117.1	44.00	30.15	21.27	93.06	13.04	130.87
79	**-10 27A	1.00	106.0	41.00	31.23	17.78	93.63	9.87	132.52
80	**-11 27B	1.00	108.2	43.00	30.50	19.97	93.52	7.11	134.13
81	**-12 27C	1.00	116.9	51.00	28.01	28.78	93.07	8.74	135.77
82	**-13 28A	1.00	106.2	52.00	27.74	29.53	93.62	8.32	137.49
83	**-14 28B	1.00	114.3	86.00	21.57	66.25	93.21	6.30	139.14
84	**-15 28C	1.00	123.0	278.00	12.00	273.78	92.73	2.95	140.77 31C
85	**-16 29A	1.00	105.3	36.00	33.33	12.42	93.66	7.35	142.30
86	**-17 29B	1.00	109.5	76.00	22.94	55.31	93.46	7.62	143.92
87	**-18 29C	1.00	117.4	159.00	15.86	144.87	93.04	3.67	145.57
88	14-1 30A	1.00	106.8	27.00	38.49	2.84	93.59	13.60	147.30
89	14-2 30B	1.00	104.4	31.00	35.92	7.07	93.71	7.40	148.94
90	14-3 30C	1.00	115.2	41.00	31.23	18.00	93.17	16.18	150.55
91	14-4 33	1.00	118.5	41.00	31.23	18.08	92.99	10.21	152.20
92	14-5 34	1.00	124.9	124.00	17.96	107.88	92.62	5.16	153.82
93	14-6 35	1.00	133.8	52.00	27.74	30.48	92.05	11.86	155.47
94	14-7 36	1.00	131.9	117.00	18.49	100.92	92.18	8.39	157.10
95	14-8 37	1.00	130.7	80.00	22.36	60.71	92.25	8.01	158.74
96	14-9 38	1.00	125.1	72.00	23.57	51.74	92.60	10.48	160.46

South

West Wall

North Wall

Walls Floor

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME	
				CPM	%ERROR					
97	14-10	39	1.00	120.2	50.00	28.28	27.82	92.89	9.83	162.13
98	14-11	40	1.00	116.2	56.00	26.73	34.13	93.11	8.65	163.76
99	14-12	41	1.00	123.5	256.00	12.50	250.15	92.70	2.33	165.40
100	14-13	42	1.00	120.7	96.00	20.41	77.37	92.86	5.91	167.02
101	14-14	43	1.00	123.5	88.00	21.32	68.92	92.70	6.98	168.67
102	14-15	44	1.00	123.6	239.00	12.94	231.82	92.70	2.68	170.28
103	14-16	45	1.00	123.4	102.00	19.80	84.02	92.70	6.98	171.92
104	14-17	46	1.00	119.8	54.00	27.22	32.11	92.91	14.51	173.56
105	14-18	47	1.00	129.6	198.00	14.21	188.44	92.33	5.98	175.21
106	5-1	50	1.00	122.3	135.00	17.21	119.51	92.77	5.98	176.93
107	5-2	51	1.00	115.7	64.00	25.00	42.70	93.14	6.23	178.57
108	5-3	52	1.00	119.2	64.00	25.00	42.84	92.95	7.51	180.18
109	5-4	53	1.00	122.6	76.00	22.94	55.93	92.75	6.40	181.83
110	5-5	54	1.00	126.1	113.00	18.81	96.09	92.55	4.63	183.46
111	5-6	55	1.00	121.0	63.00	25.20	41.84	92.85	7.92	185.10
112	5-7	56	1.00	116.8	52.00	27.74	29.86	93.08	7.81	186.72
113	5-8	57	1.00	121.6	67.00	24.43	46.18	92.81	9.18	188.35
114	5-9	58	1.00	117.3	56.00	26.73	34.17	93.05	10.40	189.97
115	5-10	59	1.00	118.8	57.00	26.49	35.30	92.97	12.79	191.62
116	5-11	60	1.00	121.4	68.00	24.25	47.25	92.82	10.86	193.24
117	5-12	61	1.00	131.3	614.00	8.07	639.79	92.22	1.17	194.88
118	5-13	62	1.00	117.7	78.00	22.65	57.83	93.03	14.23	196.51
119	5-14	63	1.00	119.4	46.00	29.49	23.48	92.94	10.86	198.15
120	5-15	64	1.00	130.3	65.00	24.81	44.43	92.28	13.78	199.77
121	5-16	65	1.00	122.4	44.00	30.15	21.42	92.77	14.90	201.42
122	5-17	66	1.00	135.5	114.00	18.73	97.98	91.94	8.75	203.05
123	5-18	67	1.00	122.2	134.00	17.28	118.42	92.78	9.20	204.71
124	7-1	72	1.00	112.4	35.00	33.81	11.50	93.31	19.18	206.44
125	7-2	73	1.00	109.4	28.00	37.80	3.95	93.46	18.02	207.96
126	7-3	74	1.00	127.4	132.00	17.41	116.75	92.47	9.61	209.59
127	7-4	75	1.00	110.2	36.00	33.33	12.52	93.42	15.09	211.23
128	7-5	76	1.00	110.2	35.00	33.81	11.45	93.43	13.53	212.85
129	7-6	77	1.00	132.9	115.00	18.65	98.84	92.11	13.59	214.49
130	7-7	78	1.00	107.2	20.00	44.72	-4.64	93.57	14.92	216.11
131	7-8	79	1.00	110.2	42.00	30.86	18.94	93.42	14.30	217.77
132	7-9	80	1.00	109.5	30.00	36.51	6.09	93.46	13.33	219.38
133	7-10	81	1.00	109.2	37.00	32.88	13.57	93.47	11.92	221.04

44

45

FLOOR

46

FLOOR

CEILING

CEILING

ID:BLDG B

24 APR 2009 11:42

USER:20

COMMENT:ROOM 504 SWIPES

PRESET TIME : 1.00
 DATA CALC : SL DPM H# :YES SAMPLE REPEATS: 1 PRINTER : STD
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 TWO PHASE : NO ABC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low: 0.010 High:325.27

SAM NO	POS	TIME MIN	H#	<u>14C</u>		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
B1	34-1	1.00	84.3	30.00	36.51	31.85	94.18	0.52	1.62
B2	34-2	1.00	85.8	26.00	39.22	27.62	94.12	0.47	3.22
				Blank Average	DPM for 14C :	29.74	COEF. OF VAR:	10.053	

1	34-4	82	1.00	97.7	64.00	25.00	38.66	93.57	2.70	4.95
2	34-5	83	1.00	113.4	64.00	25.00	39.26	92.76	7.25	6.57
3	34-6	84	1.00	108.3	153.00	16.17	134.71	93.04	2.03	8.30
4	34-7	85	1.00	112.4	91.00	20.97	68.30	92.82	1.04	9.91
5	34-8	86	1.00	112.0	89.00	21.20	66.13	92.84	3.23	11.63
6	34-9	87	1.00	108.0	50.00	28.28	23.99	93.06	4.21	13.35
7	34-10	88	1.00	85.2	33.00	34.82	5.31	94.14	0.32	14.97
8	34-11	89	1.00	106.4	74.00	23.25	49.71	93.14	3.60	16.58
9	34-12	90	1.00	117.1	52.00	27.74	26.45	92.55	5.35	18.23
10	34-13	91	1.00	113.5	53.00	27.47	27.40	92.76	4.17	19.84
11	34-14	92	1.00	107.1	48.00	28.87	21.82	93.10	3.18	21.47
12	34-15	93	1.00	108.5	155.00	16.06	136.87	93.03	1.12	23.08
13	34-16	94	1.00	108.9	75.00	23.09	50.90	93.00	2.66	24.71
14	34-17	95	1.00	121.7	117.00	18.49	97.05	92.28	0.74	26.43
15	34-18	96	1.00	114.8	53.00	27.47	27.44	92.68	4.38	28.08
16	19-1	97	1.00	84.6	41.00	31.23	13.80	94.17	0.32	29.80
17	19-2	98	1.00	103.2	71.00	23.74	46.36	93.30	2.92	31.53
18	19-3	99	1.00	122.7	74.00	23.25	50.51	92.22	3.29	33.15
19	19-4	100	1.00	109.7	107.00	19.33	85.36	92.96	3.67	34.80
20	19-5	101	1.00	121.5	52.00	27.74	26.60	92.29	8.02	36.41
21	19-6	102	1.00	123.1	53.00	27.47	27.75	92.19	5.73	38.04
22	19-7	103	1.00	122.4	54.00	27.22	28.81	92.24	5.84	39.68
23	19-8	104	1.00	112.9	44.00	30.15	17.68	92.79	6.72	41.42
24	19-9	105	1.00	112.5	104.00	19.61	82.32	92.81	2.71	43.03
25	19-10	106	1.00	107.0	145.00	16.61	125.99	93.11	1.78	44.66
26	19-11	107	1.00	107.6	93.00	20.74	70.18	93.08	2.59	46.28
27	19-12	108	1.00	106.4	141.00	16.84	121.65	93.14	1.01	47.91
28	19-13	33A	1.00	109.7	71.00	23.74	46.64	92.96	2.46	49.53
29	19-14	33B	1.00	108.2	196.00	14.29	180.91	93.05	1.41	51.17
30	19-15	33C	1.00	109.8	99.00	20.10	76.76	92.96	1.93	52.78
31	19-16	140	1.00	110.9	163.00	15.67	145.72	92.90	2.05	54.42
32	19-17	14E	1.00	106.7	79.00	22.50	55.10	93.12	2.98	56.03
33	19-18	14F	1.00	101.2	69.00	24.08	44.14	93.40	2.49	57.68
34	50-1	14G	1.00	111.1	59.00	26.04	33.78	92.89	4.69	59.39
35	50-2	14H	1.00	108.6	90.00	21.08	67.01	93.02	1.74	61.03
36	50-3	14I	1.00	110.5	49.00	28.57	22.99	92.92	8.94	62.75
37	50-4	31A	1.00	118.5	48.00	28.87	22.17	92.47	7.85	64.40
38	50-5	31B	1.00	109.6	47.00	29.17	20.82	92.97	3.51	66.01

Ceiling

Wall

Wall

Room 504

SAM NO	POS	TIME MIN	H#	14C		14C	14C	LUMEX %	ELAPSED TIME	
				CPM	%ERROR	DPM	EFF-1			
39	50-6	31C	1.00	112.5	43.00	30.50	16.59	92.81	4.68	67.76
40	50-7	32A	1.00	124.2	66.00	24.62	41.90	92.13	7.24	69.38
41	50-8	32B	1.00	116.7	59.00	26.04	34.00	92.57	5.19	71.11
42	50-9	32C	1.00	107.0	62.00	25.40	36.85	93.11	4.28	72.83
43	50-10	68	1.00	86.1	46.00	29.49	19.14	94.10	0.13	74.47
44	50-11	28C	1.00	109.2	68.00	24.25	43.38	92.99	2.73	76.06
45	50-12	41	1.00	123.2	36.00	33.33	9.31	92.19	10.90	77.71
46	50-13	61	1.00	117.1	55.00	26.97	29.69	92.55	5.03	79.33

2
floor

44 - # 84 (28C) North Wall
 45 - # 99 (41) Floor
 46 - # 117 (61) Floor

ID:BLDG B

25 APR 2009 05:25

USER:20

COMMENT:ROOM 504 RESWIPES

PRESET TIME : 1.00
 DATA CALC : SL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : STD
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 TWO PHASE : NO AQC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low: 0.010 High:325.27

SAM NO	POS	TIME MIN	H#	<u>14C</u>		14C	14C	LUMEX	ELAPSED TIME
				CPM	%ERROR	DPM	EFF-1	%	
B1	6-1	1.00	83.3	52.00	27.74	55.19	94.23	0.23	1.54
B2	6-2	1.00	85.4	23.00	41.70	24.43	94.13	0.46	3.24
Blank Average				DPM for	14C :	39.81		COEF. OF VAR:	54.624
1	6-4	1.00	102.7	52.00	27.74	15.91	93.33	5.89	4.88
2	6-5	1.00	110.2	52.00	27.74	16.14	92.93	3.21	6.48
3	6-6	1.00	105.2	52.00	27.74	15.99	93.20	4.34	8.22
4	6-7	1.00	107.6	43.00	30.50	6.39	93.07	4.53	9.83

1- # 84 (28c) North Wall
 2- # 99 (40) Floor
 3- #102 (44) Floor
 4- # 117 (61) Floor

BLDG B ROOM 504		WALLS 23 Apr 2009			
Control	<200 dpm				
Control	<200 dpm				
Blank					
1A	<200 dpm	14B	<200 dpm	27C	<200 dpm
1B	<200 dpm	14C	<200 dpm	28A	<200 dpm
1C	<200 dpm	15A	<200 dpm	28B	<200 dpm
2A	<200 dpm	15B	<200 dpm	28C	<200 dpm
2B	<200 dpm	15C	<200 dpm	29A	<200 dpm
2C	<200 dpm	16A	<200 dpm	29B	<200 dpm
3A	<200 dpm	16B	<200 dpm	29C	<200 dpm
3B	<200 dpm	16C	<200 dpm	30A	<200 dpm
3C	<200 dpm	17A	<200 dpm	30B	<200 dpm
4A	<200 dpm	17B	<200 dpm	30C	<200 dpm
4B	<200 dpm	17C	<200 dpm	31A	<200 dpm
4C	<200 dpm	18A	<200 dpm	31B	<200 dpm
5A	<200 dpm	18B	<200 dpm	31C	<200 dpm
5B	<200 dpm	18C	<200 dpm	32A	<200 dpm
5C	<200 dpm	19A	<200 dpm	32B	<200 dpm
6A	<200 dpm	19B	<200 dpm	32C	<200 dpm
6B	<200 dpm	19C	<200 dpm	33A	<200 dpm
6C	<200 dpm	20A	<200 dpm	33B	<200 dpm
7A	<200 dpm	20B	<200 dpm	33C	<200 dpm
7B	<200 dpm	20C	<200 dpm		
7C	<200 dpm	21A	<200 dpm		
8A	<200 dpm	21B	<200 dpm		
8B	<200 dpm	21C	<200 dpm		
8C	<200 dpm	22A	<200 dpm		
9A	<200 dpm	22B	<200 dpm		
9B	<200 dpm	22C	<200 dpm		
9C	<200 dpm	23A	<200 dpm		
10A	<200 dpm	23B	<200 dpm		
10B	<200 dpm	23C	<200 dpm		
10C	<200 dpm	24A	<200 dpm		
11A	<200 dpm	24B	<200 dpm		
11B	<200 dpm	24C	<200 dpm		
11C	<200 dpm	25A	<200 dpm		
12A	<200 dpm	25B	<200 dpm		
12B	<200 dpm	25C	<200 dpm		
12C	<200 dpm	26A	<200 dpm		
13A	<200 dpm	26B	<200 dpm		
13B	<200 dpm	26C	<200 dpm		
13C	<200 dpm	27A	<200 dpm		
14A	<200 dpm	27B	<200 dpm		

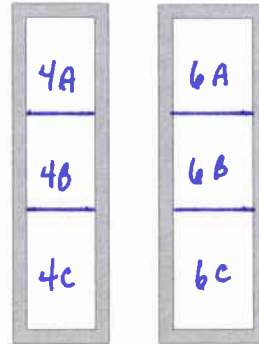
BLDG B ROOM 504		FLOOR 23 Apr 2009	
Control	<200 dpm		
Control	<200 dpm		
Blank			
33	<200 dpm	REPEAT TESTS	
34	<200 dpm		
35	<200 dpm	41	<200 dpm
36	<200 dpm	44	<200 dpm
37	<200 dpm	61	<200 dpm
38	<200 dpm		
39	<200 dpm		
40	<200 dpm		
41	250 dpm		
42	<200 dpm		
43	<200 dpm		
44	232 dpm		
45	<200 dpm		
46	<200 dpm		
47	<200 dpm		
48	<200 dpm		
49	<200 dpm		
50	<200 dpm		
51	<200 dpm		
52	<200 dpm		
53	<200 dpm		
54	<200 dpm		
55	<200 dpm		
56	<200 dpm		
57	<200 dpm		
58	<200 dpm		
59	<200 dpm		
60	<200 dpm		
61	640 dpm		
62	<200 dpm		
63	<200 dpm		
64	<200 dpm		
65	<200 dpm		
66	<200 dpm		
67	<200 dpm		

BLDG B ROOM 504	CEILING 23 Apr 2009		
Control	<200 dpm		
Control	<200 dpm		
Blank			
72	<200 dpm		
73	<200 dpm		
74	<200 dpm		
75	<200 dpm		
76	<200 dpm		
77	<200 dpm		
78	<200 dpm		
79	<200 dpm		
80	<200 dpm		
81	<200 dpm		
82	<200 dpm		
83	<200 dpm		
84	<200 dpm		
85	<200 dpm		
86	<200 dpm		
87	<200 dpm		
88	<200 dpm		
89	<200 dpm		
90	<200 dpm		
91	<200 dpm		
92	<200 dpm		
93	<200 dpm		
94	<200 dpm		
95	<200 dpm		
96	<200 dpm		
97	<200 dpm		
98	<200 dpm		
99	<200 dpm		
101	<200 dpm		
102	<200 dpm		
103	<200 dpm		
104	<200 dpm		
105	<200 dpm		
106	<200 dpm		
107	<200 dpm		
108	<200 dpm		

33A	1A	2A	3A	5A	7A	8A
33B	1B	2B	3B	4B	7B	8B
33C	1C	2C	3C	5C	7C	8C

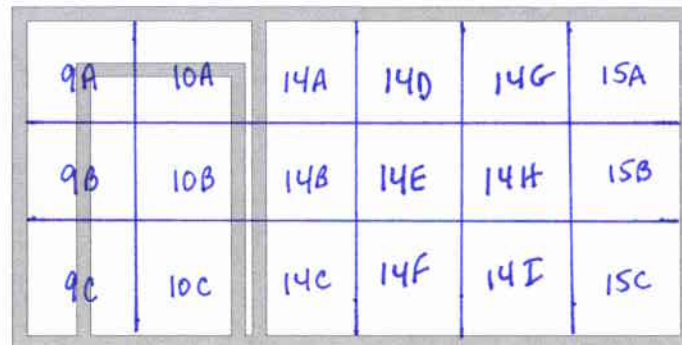
Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm



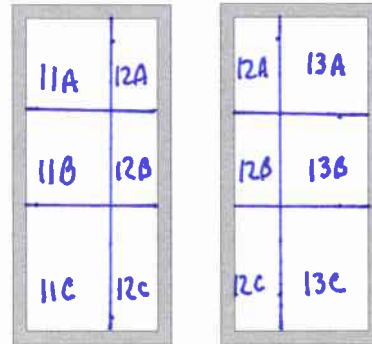
Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm



Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm



Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

16A	17A	18A	19A	20A	24A	25A
16B	17B	18B	19B	20B	24B	25B
87	86	85	84	83	24C	25C

Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

21A	22A
21B	22B
21C	22C

22A	23A
22B	23B
22C	23C

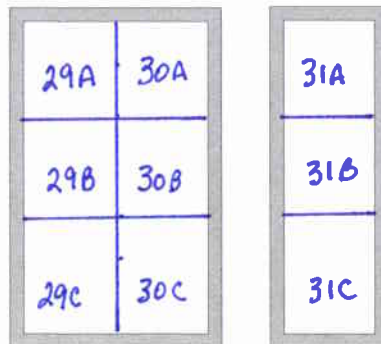
Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

26A	27A	28A	29A	31A	32A
26B	27B	28B	29B	31B	32B
26C	27C	28C	29C	31C	32C

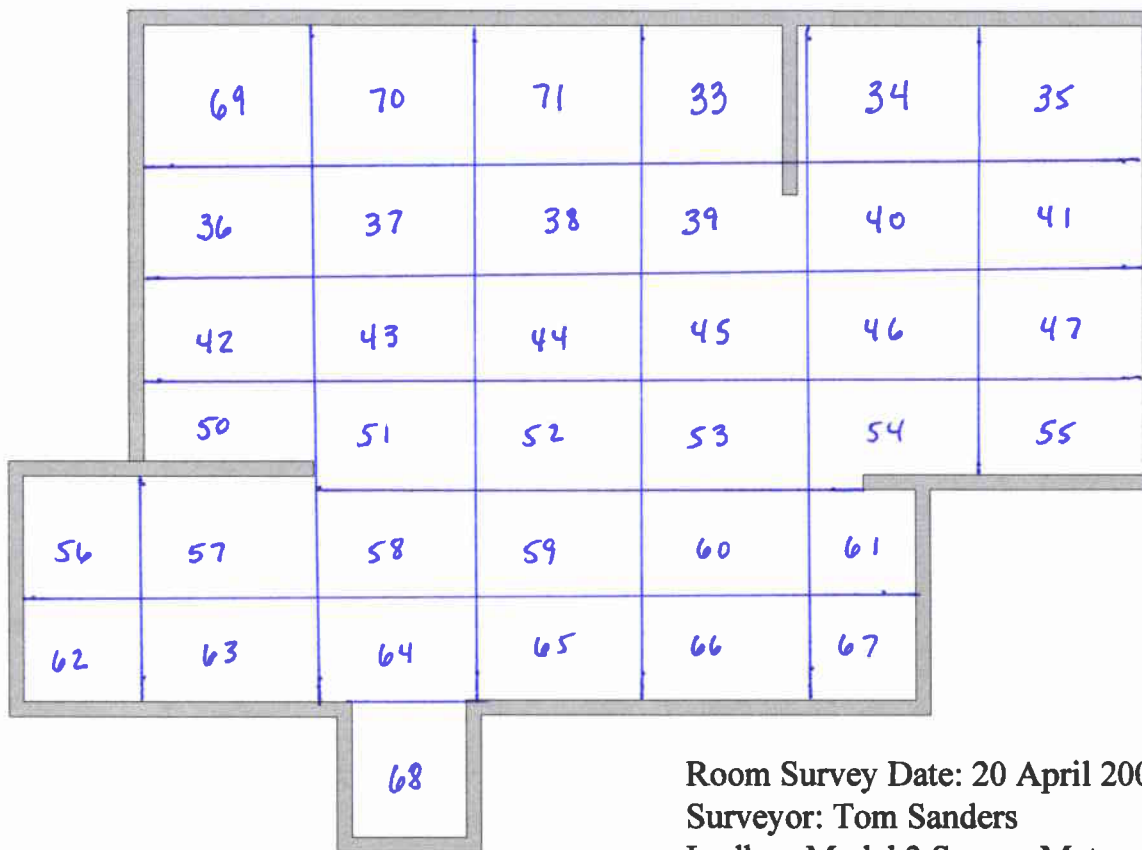
Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm



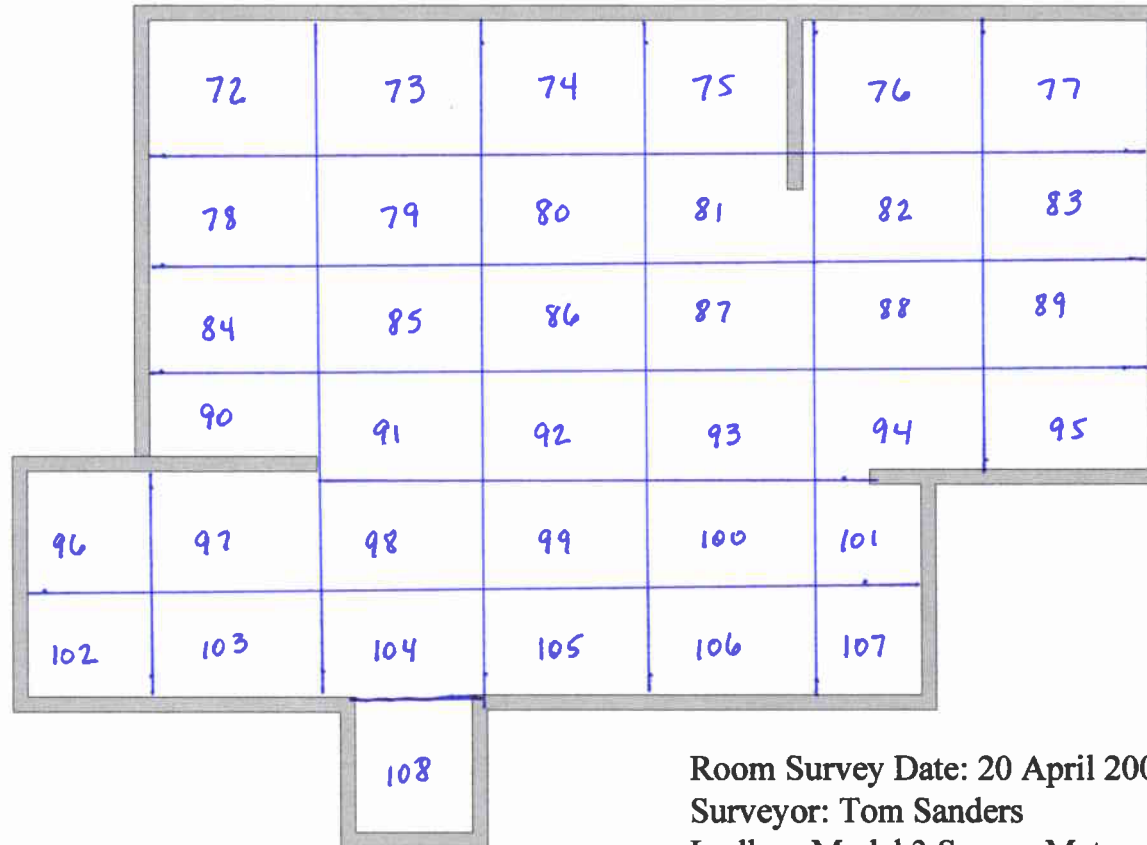
Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm



Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm



Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

Rm 505
 Room C / Room E
 IT WALLS, FLOORING, 501 & 502 WALLS
 SAFETY OFFICE, CEILING OF IT
 LIVING STREAM

APR 2009 17:08

ID: BLDG B

USER: 18

COMMENT: SAFETY OFFICE, CEILING OF IT

PRESET TIME : 1.00

DATA CALC : SL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : STD
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 PHASE : NO AQC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low:-0.313 High:326.03

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
B1	21-1	1.00	92.8	13.00	55.47	13.80	94.22	1.11	1.52
B2	21-2	1.00	90.4	23.00	41.70	24.39	94.32	0.97	3.13
Blank Average				DPM	for 14C :	19.09	COEF. OF VAR:	39.217	

WALLS ↓

1	21-4 1A	1.00	107.9	40.00	31.62	23.67	93.54	20.87	4.76
2	21-5 1B	1.00	102.8	33.00	34.82	16.10	93.78	9.34	6.40
3	21-6 1C	1.00	108.5	23.00	41.70	5.50	93.51	8.11	8.00
4	21-7 2A	1.00	101.0	27.00	38.49	9.67	93.86	10.23	9.63
5	21-8 2B	1.00	106.3	19.00	45.88	1.20	93.62	20.39	11.25
6	21-9 2C	1.00	110.2	24.00	40.82	6.60	93.43	6.93	12.89
7	21-10 3A	1.00	103.2	39.00	32.03	22.50	93.76	9.26	14.50
8	21-11 3B	1.00	107.0	28.00	37.80	10.83	93.58	14.91	16.13
9	21-12 3C	1.00	106.1	19.00	45.88	1.20	93.63	17.68	17.75
10	21-13 4A	1.00	104.5	34.00	34.30	17.19	93.70	6.15	19.40
11	21-14 4B	1.00	102.2	27.00	38.49	9.69	93.81	11.17	21.01
12	21-15 4C	1.00	101.5	32.00	35.36	15.01	93.84	7.92	22.66
13	21-16 5A	1.00	102.7	24.00	40.82	6.50	93.78	15.23	24.28
14	21-17 5B	1.00	104.1	18.00	47.14	0.11	93.72	7.47	25.91
15	21-18 5C	1.00	112.7	23.00	41.70	5.56	93.30	7.92	27.53
16	31-1 6A	1.00	102.9	34.00	34.30	17.17	93.78	12.13	29.27
17	31-2 6B	1.00	105.3	24.00	40.82	6.53	93.67	16.34	30.90
18	31-3 6C	1.00	105.6	21.00	43.64	3.33	93.65	13.91	32.53
19	31-4 7A	1.00	107.0	32.00	35.36	15.10	93.58	11.07	34.15
20	31-5 7B	1.00	105.6	18.00	47.14	0.13	93.65	17.22	35.69
21	31-6 7C	1.00	106.0	24.00	40.82	6.54	93.63	10.13	37.30
22	31-7 8A	1.00	107.6	19.00	45.88	1.22	93.55	6.35	38.94
23	31-8 8B	1.00	107.9	25.00	40.00	7.64	93.54	14.91	40.55
24	31-9 8C	1.00	104.5	25.00	40.00	7.59	93.70	7.48	42.20
25	31-10 9A	1.00	107.4	20.00	44.72	2.28	93.56	5.59	43.81
26	31-11 9B	1.00	107.0	24.00	40.82	6.55	93.58	13.70	45.45
27	31-12 44	1.00	108.8	26.00	39.22	8.72	93.50	14.77	47.07
28	31-13 10A	1.00	104.2	46.00	29.49	29.99	93.72	23.65	48.60
29	31-14 10B	1.00	107.0	25.00	40.00	7.62	93.58	6.59	50.21
30	31-15 45	1.00	108.6	63.00	25.20	48.29	93.50	9.04	51.85
31	31-16 11A	1.00	108.6	18.00	47.14	0.16	93.50	14.74	53.48
32	31-17 11B	1.00	107.6	36.00	33.33	19.39	93.55	10.02	55.12
33	31-18 46	1.00	103.2	31.00	35.92	13.97	93.76	9.18	56.74
34	4-1 12A	1.00	109.7	28.00	37.80	10.87	93.45	7.26	58.37
35	4-2 12B	1.00	105.8	27.00	38.49	9.74	93.64	11.45	59.87
36	4-3 12C	1.00	113.6	36.00	33.33	19.52	93.25	11.33	61.41
37	4-4 13A	1.00	106.0	30.00	36.51	12.95	93.63	12.26	63.03
38	4-5 13B	1.00	108.2	27.00	38.49	9.78	93.53	15.20	64.66

West Wall | 11th Wall

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME	
				CPM	%ERROR					
39	4-6	13c	1.00	111.6	43.00	30.50	26.97	93.35	7.80	66.30
40	4-7	14A	1.00	109.6	28.00	37.80	10.87	93.46	8.00	67.93
41	4-8	14B	1.00	109.4	36.00	33.33	19.43	93.46	11.22	69.55
42	4-9	14C	1.00	111.0	36.00	33.33	19.46	93.38	8.75	71.20
43	4-10	15A	1.00	104.1	25.00	40.00	7.58	93.72	7.45	72.81
44	4-11	15B	1.00	113.0	51.00	28.01	35.58	93.28	7.57	74.34
45	4-12	15C	1.00	106.2	29.00	37.14	11.89	93.62	7.10	75.95
46	4-13	16A	1.00	106.3	32.00	35.36	15.09	93.61	7.40	77.60
47	4-14	16B	1.00	107.3	25.00	40.00	7.63	93.57	8.44	79.21
48	4-15	16C	1.00	108.4	29.00	37.14	11.92	93.51	11.28	80.74
49	4-16	17A	1.00	103.3	22.00	42.64	4.37	93.76	9.74	82.36
50	4-17	17B	1.00	122.9	75.00	23.09	61.79	92.73	12.78	83.90
51	4-18	17C	1.00	109.2	38.00	32.44	21.56	93.47	7.08	85.52
52	** -1	18A	1.00	109.2	31.00	35.92	14.07	93.48	12.22	87.16
53	** -2	18B	1.00	111.9	38.00	32.44	21.62	93.34	10.91	88.77
54	** -3	47	1.00	111.3	35.00	33.81	18.40	93.37	9.72	90.42
55	** -4	19A	1.00	111.5	30.00	36.51	13.04	93.36	7.87	91.92
56	** -5	19B	1.00	110.2	34.00	34.30	17.30	93.43	9.99	93.57
57	** -6	48	1.00	109.1	37.00	32.88	20.49	93.48	12.75	95.18
58	** -7	20A	1.00	110.2	54.00	27.22	38.71	93.42	16.56	96.84
59	** -8	20B	1.00	106.3	25.00	40.00	7.61	93.62	10.49	98.45
60	** -9	49	1.00	118.7	46.00	29.49	30.38	92.97	16.72	100.11
61	** -10	50	1.00	108.2	24.00	40.82	6.57	93.52	13.78	101.71
62	** -11	21A	1.00	107.2	26.00	39.22	8.69	93.57	11.06	103.35
63	** -12	21B	1.00	110.5	32.00	35.36	15.17	93.41	9.46	104.97
64	** -13	22A	1.00	108.8	29.00	37.14	11.93	93.49	11.82	106.61
65	** -14	22B	1.00	108.2	29.00	37.14	11.92	93.52	14.06	108.23
66	** -15	23A	1.00	108.9	40.00	31.62	23.69	93.49	11.60	109.97
67	** -16	23B	1.00	122.0	43.00	30.50	27.25	92.79	25.27	111.59
68	** -17	24A	1.00	112.5	41.00	31.23	24.85	93.31	12.53	113.12
69	** -18	24B	1.00	107.3	49.00	28.57	33.28	93.57	7.90	114.64
70	** -1	25A	1.00	111.7	56.00	26.73	40.90	93.35	35.93	116.40
71	** -2	25B	1.00	110.5	31.00	35.92	14.10	93.41	17.57	118.03
72	** -3	51	1.00	107.8	22.00	42.64	4.43	93.54	15.09	119.67
73	** -4	26A	1.00	113.1	54.00	27.22	38.80	93.27	26.74	121.30
74	** -5	26B	1.00	109.2	37.00	32.88	20.49	93.47	19.34	122.94
75	** -6	52	1.00	107.1	25.00	40.00	7.62	93.58	7.72	124.56
76	** -7	27A	1.00	107.9	32.00	35.36	15.12	93.54	6.50	126.19
77	** -8	27B	1.00	108.1	25.00	40.00	7.64	93.53	9.18	127.80
78	** -9	53	1.00	105.1	29.00	37.14	11.87	93.68	7.72	129.45
79	** -10	28A	1.00	107.6	27.00	38.49	9.77	93.55	9.62	131.07
80	** -11	28B	1.00	105.6	21.00	43.64	3.33	93.65	11.60	132.70
81	** -12	28C	1.00	104.6	26.00	39.22	8.66	93.70	6.08	134.31
82	** -13	29A	1.00	107.0	29.00	37.14	11.90	93.58	9.46	135.95
83	** -14	29B	1.00	107.0	40.00	31.62	23.65	93.58	7.07	137.56
84	** -15	29C	1.00	101.9	21.00	43.64	3.29	93.82	10.14	139.21
85	** -16	30A	1.00	108.4	25.00	40.00	7.64	93.51	11.31	140.70
86	** -17	30B	1.00	107.2	31.00	35.92	14.04	93.57	7.71	142.35
87	** -18	30C	1.00	105.4	30.00	36.51	12.94	93.66	8.55	143.96
88	47-1	31A	1.00	103.6	28.00	37.80	10.78	93.74	8.15	145.71
89	47-2	31B	1.00	107.9	31.00	35.92	14.05	93.54	6.70	147.33
90	47-3	31C	1.00	122.2	29.00	37.14	12.17	92.78	14.62	148.97
91	47-4	32A	1.00	118.1	34.00	34.30	17.47	93.01	11.95	150.59
92	47-5	32B	1.00	115.9	32.00	35.36	15.27	93.13	13.56	152.23
93	47-6	32C	1.00	121.0	33.00	34.82	16.45	92.84	15.75	153.86
94	47-7	33A	1.00	114.8	33.00	34.82	16.32	93.19	12.67	155.50
95	47-8	33B	1.00	120.1	44.00	30.15	28.27	92.90	10.43	157.12
96	47-9	33C	1.00	126.2	40.00	31.62	24.13	92.54	11.37	158.77

North Wall

East Wall

South Wall

Rm 505

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
97	47-10 34A	1.00	125.4	37.00	32.88	20.87	92.58	19.93	160.41
98	47-11 34B	1.00	118.3	33.00	34.82	16.39	93.00	14.79	162.05
99	47-12 34C	1.00	122.1	27.00	38.49	10.01	92.78	14.87	163.67
100	47-13 35A	1.00	120.1	38.00	32.44	21.81	92.90	12.23	165.19
101	47-14 35B	1.00	119.2	29.00	37.14	12.11	92.94	13.01	166.82
102	47-15 35C	1.00	118.6	35.00	33.81	18.55	92.98	10.98	168.45
103	47-16 1D	1.00	121.8	28.00	37.80	11.08	92.80	19.67	170.09
104	47-17 2D	1.00	118.6	29.00	37.14	12.10	92.98	16.78	171.62
105	47-18 3D	1.00	118.2	31.00	35.92	14.24	93.00	8.04	173.12
106	**-1 4D	1.00	117.9	36.00	33.33	19.61	93.02	12.65	174.87
107	**-2 5D	1.00	126.4	24.00	40.82	6.85	92.53	20.17	176.50
108	**-3 6D	1.00	119.6	34.00	34.30	17.50	92.92	16.44	178.13
109	**-4 7D	1.00	121.0	27.00	38.49	9.99	92.85	13.92	179.76
110	**-5 8D	1.00	123.6	36.00	33.33	19.75	92.69	19.42	181.40
111	**-6 1E	1.00	124.0	41.00	31.23	25.15	92.67	15.34	183.04
112	**-7 2E	1.00	116.8	32.00	35.36	15.29	93.08	13.36	184.67
113	**-8 3E	1.00	124.1	28.00	37.80	11.12	92.67	14.38	186.28
114	**-9 4E	1.00	121.3	37.00	32.88	20.77	92.83	20.24	187.94
115	**-10 5E	1.00	117.8	32.00	35.36	15.31	93.02	12.07	189.55
116	**-11 6E	1.00	132.8	62.00	25.40	48.21	92.12	7.28	191.20
117	**-12 7E	1.00	117.0	29.00	37.14	12.07	93.07	12.57	192.81
118	**-13 8E	1.00	119.9	30.00	36.51	13.20	92.91	15.97	194.45
119	**-14 1F	1.00	118.1	30.00	36.51	13.16	93.00	11.55	196.06
120	**-15 2F	1.00	123.2	39.00	32.03	22.97	92.72	14.80	197.72
121	**-16 3F	1.00	119.4	33.00	34.82	16.42	92.93	23.83	199.23
122	**-17 4F	1.00	129.9	28.00	37.80	11.24	92.30	21.84	200.87
123	**-18 5F	1.00	120.0	32.00	35.36	15.35	92.90	14.26	202.51
124	4-1 6F	1.00	126.5	30.00	36.51	13.33	92.52	20.47	204.25
125	4-2 7F	1.00	117.1	40.00	31.62	23.89	93.06	8.62	205.86
126	4-3 8F	1.00	125.5	26.00	39.22	8.99	92.58	13.10	207.60
127	4-4 9F	1.00	119.6	37.00	32.88	20.73	92.93	14.23	209.22
128	4-5 2G	1.00	122.9	38.00	32.44	21.89	92.73	16.16	210.88
129	4-6 3G	1.00	123.4	42.00	30.86	26.21	92.70	20.49	212.49
130	4-7 4G	1.00	127.8	38.00	32.44	22.02	92.44	17.92	214.13
131	4-8 5G	1.00	124.0	42.00	30.86	26.23	92.67	14.64	215.75
132	4-9 6G	1.00	127.4	40.00	31.62	24.17	92.47	18.46	217.41
133	4-10 7G	1.00	119.4	42.00	30.86	26.10	92.94	14.86	219.04
134	4-11 8G	1.00	123.7	40.00	31.62	24.07	92.68	12.51	220.68
135	4-12 1H	1.00	130.3	31.00	35.92	14.50	92.28	25.64	222.30
136	4-13 2H	1.00	119.2	34.00	34.30	17.49	92.95	8.25	223.95
137	4-14 3H	1.00	119.3	36.00	33.33	19.64	92.94	23.27	225.58
138	4-15 4H	1.00	120.7	31.00	35.92	14.29	92.86	14.97	227.21
139	4-16 5H	1.00	118.6	22.00	42.64	4.57	92.98	17.38	228.83
140	4-17 6H	1.00	120.1	31.00	35.92	14.28	92.89	20.30	230.47
141	4-18 7H	1.00	123.9	46.00	29.49	30.54	92.68	24.64	232.11
142	6-1 8H	1.00	116.6	39.00	32.03	22.80	93.09	11.14	233.85
143	6-2 1I	1.00	121.9	48.00	28.87	32.64	92.79	14.79	235.47
144	6-3 2I	1.00	128.8	23.00	41.70	5.81	92.38	31.31	237.12
145	6-4 3I	1.00	123.1	28.00	37.80	11.11	92.72	17.01	238.74
146	6-5 4I	1.00	129.4	36.00	33.33	19.90	92.34	16.43	240.37
147	6-6 5I	1.00	123.7	20.00	44.72	2.49	92.69	26.76	241.98
148	6-7 6I	1.00	122.4	37.00	32.88	20.79	92.76	17.98	243.64
149	6-8 7I	1.00	125.2	43.00	30.50	27.34	92.60	26.78	245.26
150	6-9 8I	1.00	120.9	31.00	35.92	14.30	92.85	18.69	246.92
151	6-10 1J	1.00	129.6	50.00	28.28	35.06	92.33	17.04	248.54
152	6-11 2J	1.00	115.7	37.00	32.88	20.63	93.14	14.58	250.18
153	6-12 3J	1.00	124.6	38.00	32.44	21.93	92.63	16.41	251.80
154	6-13 4J	1.00	119.1	30.00	36.51	13.18	92.95	22.48	253.46

South Wall

Floor

Floor

ID:BLDG B

24 APR 2009 13:05

USER:20

COMMENT:ROOM 505 SWIPES

PRESET TIME : 1.00
 DATA CALC : SL DPM H# :YES SAMPLE REPEATS: 1 PRINTER : STD
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 TWO PHASE : NO ARC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low: 0.010 High:325.27

SAM NO	FOS	TIME MIN	H#	<u>14C</u>		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
B1	21-1	1.00	84.3	33.00	34.82	35.04	94.18	0.39	1.54
B2	21-2	1.00	85.0	34.00	34.30	36.11	94.15	0.33	3.14
Blank Average				DPM	for 14C :	35.58	COEF. OF VAR:		2.135

Floor

1	21-4	5J	1.00	108.1	196.00	14.29	175.06	93.05	1.31	4.88
2	21-5	6J	1.00	111.2	90.00	21.08	61.32	92.88	2.58	6.48
3	21-6	7J	1.00	113.4	88.00	21.32	59.29	92.76	2.16	8.11
4	21-7	8J	1.00	110.7	56.00	26.73	24.70	92.91	4.22	9.71
5	21-8	1K	1.00	115.4	44.00	30.15	11.92	92.65	6.34	11.35
6	21-9	2K	1.00	112.3	106.00	19.43	78.62	92.82	2.46	12.96
7	21-10	3K	1.00	112.8	182.00	14.82	160.56	92.80	0.85	14.59
8	21-11	4K	1.00	117.1	53.00	27.47	21.69	92.55	7.12	16.21
9	21-12	5K	1.00	121.4	57.00	26.49	26.18	92.29	5.48	17.85
10	21-13	6K	1.00	120.9	63.00	25.20	32.66	92.33	7.81	19.47
11	21-14	7K	1.00	110.3	77.00	22.79	47.28	92.93	4.16	21.12
12	21-15	8K	1.00	106.0	106.00	19.43	78.21	93.16	1.83	22.83
13	21-16	1L	1.00	109.2	120.00	18.26	93.47	92.99	2.06	24.56
14	21-17	2L	1.00	116.5	61.00	25.61	30.31	92.59	3.93	26.18
15	21-18	3L	1.00	116.0	53.00	27.47	21.65	92.62	4.98	27.83
16	14-1	4L	1.00	114.4	41.00	31.23	8.65	92.71	3.40	29.54
17	14-2	5L	1.00	108.9	60.00	25.82	28.94	93.01	7.34	31.28
18	14-3	6L	1.00	106.1	71.00	23.74	40.64	93.15	3.41	33.00
19	14-4	7L	1.00	109.1	99.00	20.10	70.88	93.00	2.94	34.63
20	14-5	8L	1.00	109.1	64.00	25.00	33.24	93.00	3.38	36.25

ID:BLDG B

23 APR 2009 16:11

USER:20

COMMENT:ROOM 505 CEILING SWIPES

PRESET TIME : 1.00

DATA CALC : SL DPM H# :YES SAMPLE REPEATS: 1 PRINTER : STD
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 TWO PHASE : NO AGC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low: 0.010 High:325.27

SAM NO	POS	TIME MIN	H#	<u>14C</u>		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
B1	34-1	1.00	83.6	29.00	37.14	30.78	94.21	0.90	1.64
B2	34-2	1.00	85.4	23.00	41.70	24.43	94.13	0.85	3.34
Blank Average				DPM for	14C :	27.61	COEF. OF VAR:	16.258	
1	34-4	1.00	107.7	86.00	21.57	64.80	93.07	2.46	4.98
2	34-5	1.00	113.2	303.00	11.49	299.01	92.77	0.81	6.58
3	34-6	1.00	111.8	109.00	19.16	89.78	92.85	2.44	8.21
4	34-7	1.00	114.0	184.00	14.74	170.82	92.73	0.83	9.93
5	34-8	1.00	110.8	180.00	14.91	166.14	92.91	1.87	11.56
6	34-9	1.00	108.1	85.00	21.69	63.74	93.05	2.20	13.28
7	34-10	1.00	111.0	183.00	14.78	169.39	92.89	1.61	14.91
8	34-11	1.00	106.6	86.00	21.57	64.74	93.13	1.97	16.53
9	34-12	1.00	106.5	140.00	16.90	122.71	93.13	1.05	18.16
10	34-13	1.00	106.6	69.00	24.08	46.49	93.13	3.39	19.78
11	34-14	1.00	100.5	58.00	26.26	34.47	93.44	3.22	21.51
12	34-15	1.00	110.0	48.00	28.87	24.03	92.95	3.37	23.12
13	34-16	1.00	110.1	83.00	21.95	61.69	92.94	2.42	24.76
14	34-17	1.00	86.1	36.00	33.33	10.65	94.10	0.17	26.37
15	34-18	1.00	86.4	45.00	29.81	20.22	94.09	0.13	28.00
16	50-1	1.00	127.2	67.00	24.43	45.27	91.93	7.16	29.72
17	50-2	1.00	121.1	51.00	28.01	27.64	92.31	9.40	31.36
18	50-3	1.00	123.1	53.00	27.47	29.88	92.19	7.45	33.08
19	50-4	1.00	124.1	58.00	26.26	35.34	92.13	6.88	34.74
20	50-5	1.00	113.2	47.00	29.17	23.05	92.77	7.19	36.35
21	50-6	1.00	111.9	42.00	30.86	17.63	92.84	11.68	37.98
22	50-7	1.00	120.1	57.00	26.49	34.10	92.37	8.07	39.60
23	50-8	1.00	124.9	62.00	25.40	39.73	92.08	10.20	41.25
24	50-9	1.00	118.3	51.00	28.01	27.54	92.48	6.26	42.97
25	50-10	1.00	114.6	68.00	24.25	45.75	92.69	4.43	44.60
26	50-11	1.00	114.8	59.00	26.04	36.05	92.68	5.24	46.21
27	50-12	1.00	110.0	42.00	30.86	17.58	92.95	4.27	47.86
28	50-13	1.00	112.9	43.00	30.50	18.74	92.79	5.15	49.46
29	50-14	1.00	120.9	57.00	26.49	34.13	92.33	7.43	51.11
30	50-15	1.00	119.9	46.00	29.49	22.18	92.39	13.22	52.84
31	50-16	1.00	115.5	50.00	28.28	26.36	92.64	6.10	54.58
32	50-17	1.00	115.8	48.00	28.87	24.22	92.62	6.62	56.20
33	50-18	1.00	108.2	209.00	13.83	197.02	93.04	1.80	57.83
34	21-1	1.00	85.2	37.00	32.88	11.69	94.14	0.37	59.54
35	21-2	1.00	108.2	77.00	22.79	55.15	93.04	5.92	61.18
36	21-3	1.00	117.4	38.00	32.44	13.46	92.53	3.69	62.79
37	21-4	1.00	109.0	207.00	13.90	194.97	93.00	1.29	64.43
38	21-5	1.00	125.3	299.00	11.57	297.20	92.05	0.58	66.15

CEILING

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
39	21-6	1.00	118.5	47.00	29.17	23.22	92.47	6.79	67.80
40	21-7	1.00	118.2	130.00	17.54	112.96	92.48	2.64	69.41
41	21-8	1.00	119.8	61.00	25.61	38.41	92.40	5.98	71.07
42	21-9	1.00	113.0	48.00	28.87	24.13	92.78	5.45	72.68
43	21-10	1.00	114.7	46.00	29.49	22.02	92.69	8.26	74.42
44	21-11	1.00	110.9	82.00	22.09	60.66	92.90	4.58	76.03
45	21-12	1.00	109.8	62.00	25.40	39.09	92.96	3.22	77.77
46	21-13	1.00	107.9	153.00	16.17	136.80	93.06	1.18	79.38
47	21-14	1.00	108.1	76.00	22.94	54.07	93.05	3.20	81.01
48	21-15	1.00	122.5	102.00	19.80	82.99	92.23	0.99	82.73
49	21-16	1.00	106.6	91.00	20.97	70.11	93.13	2.18	84.46
50	21-17	1.00	108.1	124.00	17.96	105.66	93.05	2.12	86.08
51	21-18	1.00	115.5	65.00	24.81	42.56	92.64	7.56	87.82
52	14-1	1.00	112.6	83.00	21.95	61.83	92.80	3.85	89.53
53	14-2	1.00	107.7	49.00	28.57	25.04	93.07	5.77	91.16
54	14-3	1.00	109.7	62.00	25.40	39.09	92.96	9.19	92.78
55	14-4	1.00	110.9	63.00	25.20	40.21	92.90	4.91	94.41
56	14-5	1.00	111.0	72.00	23.57	49.90	92.89	2.88	96.02
57	14-6	1.00	105.4	62.00	25.40	38.92	93.19	3.81	97.76
58	14-7	1.00	111.9	69.00	24.08	46.71	92.84	3.49	99.38
59	14-8	1.00	139.1	88.00	21.32	68.97	91.12	1.56	101.03
60	14-9	1.00	100.1	356.00	10.60	353.32	93.46	0.80	102.63
61	14-10	1.00	97.6	100.00	20.00	79.26	93.58	1.49	104.28
62	14-11	1.00	113.1	54.00	27.22	30.60	92.78	4.67	105.88
63	14-12	1.00	113.4	555.00	8.49	570.71	92.76	0.46	107.53
64	14-13	1.00	111.7	53.00	27.47	29.47	92.86	8.00	109.15
65	14-14	1.00	114.9	73.00	23.41	51.16	92.68	5.39	110.80
66	14-15	1.00	107.9	80.00	22.36	58.36	93.06	2.63	112.41
67	14-16	1.00	102.2	68.00	24.25	45.23	93.35	4.53	114.15
68	14-17	1.00	107.1	85.00	21.69	63.69	93.10	2.48	115.77
69	14-18	1.00	110.6	145.00	16.61	128.45	92.91	2.51	117.40
70	38-1	1.00	114.0	49.00	28.57	25.23	92.73	5.87	119.22
71	38-2	1.00	126.4	54.00	27.22	31.10	91.99	10.07	120.97
72	38-3	1.00	114.7	54.00	27.22	30.65	92.69	6.12	122.56
73	38-4	1.00	124.5	51.00	28.01	27.77	92.10	8.48	124.22
74	38-5	1.00	110.1	55.00	26.97	31.57	92.94	4.96	125.93
75	38-6	1.00	114.9	51.00	28.01	27.42	92.68	6.62	127.58
76	38-7	1.00	133.7	55.00	26.97	32.50	91.50	13.10	129.31
77	38-8	1.00	128.8	54.00	27.22	31.20	91.83	7.66	130.93
78	38-9	1.00	103.7	43.00	30.50	18.49	93.28	4.40	132.54
79	38-10	1.00	118.9	51.00	28.01	27.56	92.44	8.76	134.29
80	38-11	1.00	120.1	50.00	28.28	26.52	92.37	11.33	135.90
81	38-12 51	1.00	104.2	71.00	23.74	48.53	93.25	2.40	137.55
82	38-13 62	1.00	107.9	54.00	27.22	30.42	93.06	3.52	139.26
83	38-14 63	1.00	107.8	60.00	25.82	36.87	93.06	4.04	140.89
84	38-15 64	1.00	113.3	85.00	21.69	64.02	92.77	2.72	142.51
85	38-16 65	1.00	117.8	65.00	24.81	42.66	92.51	2.82	144.25
86	38-17 66	1.00	110.5	71.00	23.74	48.80	92.92	2.25	145.97
87	38-18 1M	1.00	109.4	39.00	32.03	14.34	92.98	3.87	147.61
88	51-1 2M	1.00	124.3	66.00	24.62	44.04	92.12	10.03	149.32
89	51-2 3M	1.00	131.1	55.00	26.97	32.38	91.68	12.42	151.07
90	51-3 4M	1.00	109.3	110.00	19.07	90.69	92.99	1.44	152.69
91	51-4 5M	1.00	107.2	55.00	26.97	31.47	93.10	4.22	154.33
92	51-5 6M	1.00	84.5	40.00	31.62	14.87	94.17	0.45	155.94
93	51-6 7M	1.00	85.0	36.00	33.33	10.63	94.15	0.26	157.57
94	51-7 8M	1.00	112.3	735.00	7.38	764.21	92.83	0.37	159.19

505

506

CEILING

E WALL

507

ID:BLDG B

25 APR 2009 05:45

USER:20

COMMENT:ROOM 505 RESWIPES

PRESET TIME : 1.00
 DATA CALC : SL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : STD
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 TWO PHASE : NO AGC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low: 0.010 High:325.27

SAM NO	POS	TIME MIN	H#	<u>14C</u>		14C	14C	LUMEX	ELAPSED TIME
				CPM	%ERROR	DPM	EFF-1	%	
B1	6-1	1.00	83.7	48.00	28.87	50.95	94.21	0.30	1.54
B2	6-2	1.00	85.5	35.00	33.81	37.18	94.13	0.28	3.14
Blank Average				DPM for	14C :	44.07		COEF. OF VAR:	22.094
1	6-4	1.00	117.0	35.00	33.81	-6.25	92.56	9.88	4.88
2	6-5	1.00	115.2	51.00	28.01	10.97	92.66	8.10	6.59
3	6-6	1.00	116.9	45.00	29.81	4.55	92.56	6.52	8.23
4	6-7	1.00	107.2	42.00	30.86	1.05	93.10	6.10	9.83

1- #2 Ceiling
 2- #38 Ceiling
 3- #60 Ceiling
 4- #63 Ceiling

BLDG B ROOM 505		WALLS 22 Apr 2009			
Control	<200 dpm				
Control	<200 dpm				
Blank					
1A	<200 dpm	14B	<200 dpm	53	<200 dpm
1B	<200 dpm	14C	<200 dpm	28A	<200 dpm
1C	<200 dpm	15A	<200 dpm	28B	<200 dpm
2A	<200 dpm	15B	<200 dpm	28C	<200 dpm
2B	<200 dpm	15C	<200 dpm	61	<200 dpm
2C	<200 dpm	16A	<200 dpm	62	<200 dpm
3A	<200 dpm	16B	<200 dpm	63	<200 dpm
3B	<200 dpm	16C	<200 dpm	64	<200 dpm
3C	<200 dpm	17A	<200 dpm	65	<200 dpm
4A	<200 dpm	17B	<200 dpm	66	<200 dpm
4B	<200 dpm	17C	<200 dpm		
4C	<200 dpm	18A	<200 dpm		
5A	<200 dpm	18B	<200 dpm		
5B	<200 dpm	18C	<200 dpm		
5C	<200 dpm	19A	<200 dpm		
6A	<200 dpm	19B	<200 dpm		
6B	<200 dpm	19C	<200 dpm		
6C	<200 dpm	20A	<200 dpm		
7A	<200 dpm	20B	<200 dpm		
7B	<200 dpm	20C	<200 dpm		
7C	<200 dpm	21A	<200 dpm		
8A	<200 dpm	21B	<200 dpm		
8B	<200 dpm	21C	<200 dpm		
8C	<200 dpm	22A	<200 dpm		
9A	<200 dpm	22B	<200 dpm		
9B	<200 dpm	22C	<200 dpm		
44	<200 dpm	23A	<200 dpm		
10A	<200 dpm	23B	<200 dpm		
10B	<200 dpm	23C	<200 dpm		
45	<200 dpm	24A	<200 dpm		
11A	<200 dpm	24B	<200 dpm		
11B	<200 dpm	24C	<200 dpm		
46	<200 dpm	25A	<200 dpm		
12A	<200 dpm	25B	<200 dpm		
12B	<200 dpm	51	<200 dpm		
12C	<200 dpm	26A	<200 dpm		
13A	<200 dpm	26B	<200 dpm		
13B	<200 dpm	52	<200 dpm		
13C	<200 dpm	27A	<200 dpm		
14A	<200 dpm	27B	<200 dpm		

BLDG B ROOM 505		FLOOR 22 Apr 2009			
Control	<200 dpm				
Control	<200 dpm				
Blank					
1D	<200 dpm	1I	<200 dpm		
2D	<200 dpm	2I	<200 dpm		
3D	<200 dpm	3I	<200 dpm		
4D	<200 dpm	4I	<200 dpm		
5D	<200 dpm	5I	<200 dpm		
6D	<200 dpm	6I	<200 dpm		
7D	<200 dpm	7I	<200 dpm		
8D	<200 dpm	8I	<200 dpm		
1E	<200 dpm	1J	<200 dpm		
2E	<200 dpm	2J	<200 dpm		
3E	<200 dpm	3J	<200 dpm		
4E	<200 dpm	4J	<200 dpm		
5E	<200 dpm	5J	<200 dpm		
6E	<200 dpm	6J	<200 dpm		
7E	<200 dpm	7J	<200 dpm		
8E	<200 dpm	8J	<200 dpm		
1F	<200 dpm	1K	<200 dpm		
2F	<200 dpm	2K	<200 dpm		
3F	<200 dpm	3K	<200 dpm		
4F	<200 dpm	4K	<200 dpm		
5F	<200 dpm	5K	<200 dpm		
6F	<200 dpm	6K	<200 dpm		
7F	<200 dpm	7K	<200 dpm		
8F	<200 dpm	8K	<200 dpm		
1G	<200 dpm	1L	<200 dpm		
2G	<200 dpm	2L	<200 dpm		
3G	<200 dpm	3L	<200 dpm		
4G	<200 dpm	4L	<200 dpm		
5G	<200 dpm	5L	<200 dpm		
6G	<200 dpm	6L	<200 dpm		
7G	<200 dpm	7L	<200 dpm		
8G	<200 dpm	8L	<200 dpm		
1H	<200 dpm	1M	<200 dpm		
2H	<200 dpm	2M	<200 dpm		
3H	<200 dpm	3M	<200 dpm		
4H	<200 dpm	4M	<200 dpm		
5H	<200 dpm	5M	<200 dpm		
6H	<200 dpm	6M	<200 dpm		
7H	<200 dpm	7M	<200 dpm		
8H	<200 dpm	8M	<200 dpm		

BLDG B ROOM 505		CEILING 23 Apr 2009			
Control	<200 dpm				
Control	<200 dpm				
Blank					
1	<200 dpm	41	<200 dpm		REPEAT TESTS
2	300 dpm	42	<200 dpm		
3	<200 dpm	43	<200 dpm	2	<200 dpm
4	<200 dpm	44	<200 dpm	38	<200 dpm
5	<200 dpm	45	<200 dpm	60	<200 dpm
6	<200 dpm	46	<200 dpm	63	<200 dpm
7	<200 dpm	47	<200 dpm		
8	<200 dpm	48	<200 dpm		
9	<200 dpm	49	<200 dpm		
10	<200 dpm	50	<200 dpm		
11	<200 dpm	51	<200 dpm		
12	<200 dpm	52	<200 dpm		
13	<200 dpm	53	<200 dpm		
14	<200 dpm	54	<200 dpm		
15	<200 dpm	55	<200 dpm		
16	<200 dpm	56	<200 dpm		
17	<200 dpm	57	<200 dpm		
18	<200 dpm	58	<200 dpm		
19	<200 dpm	59	<200 dpm		
20	<200 dpm	60	353 dpm		
21	<200 dpm	61	<200 dpm		
22	<200 dpm	62	<200 dpm		
23	<200 dpm	63	571 dpm		
24	<200 dpm	64	<200 dpm		
25	<200 dpm	65	<200 dpm		
26	<200 dpm	66	<200 dpm		
27	<200 dpm	67	<200 dpm		
28	<200 dpm	68	<200 dpm		
29	<200 dpm	69	<200 dpm		
30	<200 dpm	70	<200 dpm		
31	<200 dpm	71	<200 dpm		
32	<200 dpm	72	<200 dpm		
33	<200 dpm	73	<200 dpm		
34	<200 dpm	74	<200 dpm		
35	<200 dpm	75	<200 dpm		
36	<200 dpm	76	<200 dpm		
37	<200 dpm	77	<200 dpm		
38	297 dpm	78	297 dpm		
39	<200 dpm	79	<200 dpm		
40	<200 dpm	80	<200 dpm		

1A	2A	3A	4A	5A	6A	7A	8A
1B	2B	3B	4B	5B	6B	7B	8B
1C	2C	3C	4C	5C	6C	7C	8C

Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

9A	10A	11A	12A	13A	14A	15A	16A	17A
9B	10B	11B	12B	13B	14B	15B	16B	17B
44	45	46	12C	13C	14C	15C	16C	17C

Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

18A	19A	20A	62	21A	22A	23A	24A
18B	19B	20B	61	21B	22B	23B	24B
47	48	49	50	63	64	65	66

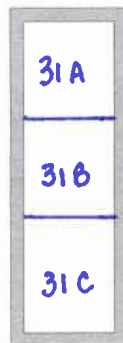
Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

25A	26A	27A	28A	29A	30A	32A	33A	34A	35A
25B	26B	27B	28B	29B	30B	32B	33B	34B	35B
51	52	53	28C	29C	30C	32C	33C	34C	35C

Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm



Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

E↑

Room Survey Date: 20 April 2009
 Surveyor: Tom Sanders
 Ludlum Model 3 Survey Meter
 S/N: 258504
 Cal Date: 04 March 2009
 Ludlum Probe Model 44-9
 S/N: PR276541

Survey Readings: <100 cpm

8M	7M	6M	5M	4M	3M	2M	1M
8L	7L	6L	5L	4L	3L	2L	1L
8K	7K	6K	5K	4K	3K	2K	1K
8J	7J	6J	5J	4J	3J	2J	1J
8I	7I	6I	5I	4I	3I	2I	1I
8H	7H	6H	5H	4H	3H	2H	1H
8G	7G	6G	5G	4G	3G	2G	1G
8F	7F	6F	5F	4F	3F	2F	1F
8E	7E	6E	5E	4E	3E	2E	1E
8D	7D	6D	5D	4D	3D	2D	1D

Building B Room 505 Ceiling



1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56
57	58	59	60	61	62	63	64
65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80

Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541
Survey Readings: <100 cpm

Rm 506

(Room B)

(Room C)

22 APR 2009 08:05

ID:BLDG B

USER:18

COMMENT:SAFETY OFFICE,CEILING OF IT

PRESET TIME : 1.00

DATA CALC : SL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : STD
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 PHASE : NO AQC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low:-0.313 High:326.03

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
B1	16-1	1.00	93.2	19.00	45.88	20.17	94.20	0.73	1.52
B2	16-2	1.00	94.2	18.00	47.14	19.12	94.16	0.68	3.13
Blank Average				DPM for 14C :	19.64	COEF. OF VAR:		3.790	

Room B
 ↓
 NORTH WALL
 |
 NORTH WALL - 1
 |
 SOUTH WALL

1	16-4	4A	1.00	106.4	30.00	36.51	12.40	93.61	11.63	4.77
2	16-5	4B	1.00	106.1	35.00	33.81	17.74	93.63	7.31	6.38
3	16-6	4C	1.00	106.0	23.00	41.70	4.92	93.63	9.22	8.01
4	16-7	5A	1.00	105.4	46.00	29.49	29.47	93.66	10.10	9.52
5	16-8	5B	1.00	110.4	23.00	41.70	4.98	93.42	18.32	11.15
6	16-9	5C	1.00	108.3	52.00	27.74	35.96	93.52	10.83	12.77
7	16-10	6A	1.00	107.8	27.00	38.49	9.22	93.54	11.03	14.42
8	16-11	6B	1.00	106.7	35.00	33.81	17.75	93.60	7.70	16.03
9	16-12	6C	1.00	109.6	25.00	40.00	7.11	93.46	15.84	17.66
10	16-13	7A	1.00	110.0	23.00	41.70	4.97	93.43	30.84	19.29
11	16-14	7B	1.00	106.7	27.00	38.49	9.20	93.60	15.33	20.93
12	16-15	7C	1.00	106.1	29.00	37.14	11.33	93.63	17.99	22.56
13	16-16	8A	1.00	108.7	38.00	32.44	21.00	93.50	14.03	24.09
14	16-17	8B	1.00	109.4	31.00	35.92	13.53	93.46	12.32	25.61
15	16-18	8C	1.00	109.1	32.00	35.36	14.59	93.48	12.80	27.36
16	37-1	9A	1.00	105.0	42.00	30.86	25.19	93.68	11.04	28.96
17	37-2	9B	1.00	99.9	28.00	37.80	10.17	93.91	7.71	30.60
18	37-3	9C	1.00	109.8	34.00	34.30	16.74	93.44	13.67	32.22
19	37-4	34A	1.00	106.2	22.00	42.64	3.86	93.62	16.13	33.87
20	37-5	34B	1.00	108.8	26.00	39.22	8.17	93.50	13.19	35.49
21	37-6	34C	1.00	109.0	30.00	36.51	12.45	93.49	7.56	37.13
22	37-7	35A	1.00	105.4	31.00	35.92	13.46	93.66	7.27	38.75
23	37-8	35B	1.00	107.2	22.00	42.64	3.87	93.57	12.00	40.40
24	37-9	35C	1.00	108.8	23.00	41.70	4.96	93.49	11.97	42.01
25	37-10	36A	1.00	109.6	23.00	41.70	4.97	93.45	17.28	43.65
26	37-11	36B	1.00	107.9	28.00	37.80	10.29	93.54	13.31	45.27
27	37-12	36C	1.00	110.7	25.00	40.00	7.12	93.40	11.75	46.90
28	37-13	19A	1.00	107.4	28.00	37.80	10.28	93.56	12.40	48.52
29	37-14	19B	1.00	108.3	19.00	45.88	0.67	93.52	12.63	50.16
30	37-15	19C	1.00	109.5	28.00	37.80	10.32	93.46	13.70	51.78
31	37-16	20A	1.00	108.8	32.00	35.36	14.58	93.49	16.22	53.52
32	37-17	20B	1.00	109.2	29.00	37.14	11.38	93.47	15.86	55.15
33	37-18	20C	1.00	108.2	34.00	34.30	16.71	93.52	23.14	56.80
34	5-1	21A	1.00	106.8	34.00	34.30	16.68	93.59	14.09	58.52
35	5-2	21B	1.00	108.2	24.00	40.82	6.02	93.52	13.58	60.06
36	5-3	21C	1.00	108.3	24.00	40.82	6.02	93.52	15.50	61.68
37	5-4	22A	1.00	107.9	41.00	31.23	24.19	93.54	13.12	63.21
38	5-5	22B	1.00	109.4	32.00	35.36	14.60	93.46	29.84	64.84

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
Room 39	5-6 22c	1.00	109.4	32.00	35.36	14.60	93.46	10.95	66.50
Bull 40	5-7 23A	1.00	107.6	20.00	44.72	1.74	93.55	15.63	68.12
41	5-8 23B	1.00	107.1	31.00	35.92	13.48	93.58	11.37	69.75
42	5-9 23C	1.00	105.6	35.00	33.81	17.73	93.65	12.78	71.37
43	5-10 24A	1.00	107.8	24.00	40.82	6.01	93.54	19.51	73.02
44	5-11 24B	1.00	106.7	27.00	38.49	9.20	93.60	13.06	74.63
45	5-12 24C	1.00	109.2	27.00	38.49	9.24	93.48	10.44	76.26
46	5-13 29A	1.00	111.2	25.00	40.00	7.13	93.37	17.37	77.77
47	5-14 29B	1.00	106.8	36.00	33.33	18.82	93.59	6.69	79.42
48	5-15 29C	1.00	108.0	37.00	32.88	19.92	93.53	18.39	81.16
49	5-16 30A	1.00	107.8	35.00	33.81	17.77	93.54	16.76	82.80
50	5-17 30B	1.00	107.5	36.00	33.33	18.84	93.56	15.78	84.42
51	5-18 30C	1.00	108.8	37.00	32.88	19.93	93.49	15.29	86.07
52	3-1 31A	1.00	106.9	25.00	40.00	7.07	93.59	33.80	87.79
53	3-2 31B	1.00	110.0	20.00	44.72	1.76	93.43	20.82	89.44
54	3-3 31C	1.00	105.0	26.00	39.22	8.11	93.68	14.53	91.06
55	3-4 14A	1.00	105.9	26.00	39.22	8.12	93.64	8.15	92.70
56	3-5 14B	1.00	111.9	34.00	34.30	16.78	93.34	14.69	94.32
57	3-6 14C	1.00	108.1	23.00	41.70	4.95	93.53	11.50	95.96
58	3-7 10A	1.00	100.4	27.00	38.49	9.11	93.89	4.74	97.58
59	3-8 10B	1.00	109.6	24.00	40.82	6.04	93.45	14.30	99.22
60	3-9 10C	1.00	106.4	45.00	29.81	28.43	93.61	7.60	100.83
61	3-10 11A	1.00	103.1	26.00	39.22	8.09	93.77	6.40	102.46
62	3-11 11B	1.00	109.7	26.00	39.22	8.18	93.45	19.83	104.09
63	3-12 11C	1.00	112.5	34.00	34.30	16.80	93.31	14.20	105.74
64	3-13 12A	1.00	107.6	23.00	41.70	4.94	93.55	12.86	107.36
65	3-14 12B	1.00	107.8	28.00	37.80	10.29	93.54	10.68	109.00
66	3-15 12C	1.00	111.9	26.00	39.22	8.21	93.34	12.87	110.61
67	3-16 13A	1.00	107.0	24.00	40.82	6.00	93.58	19.76	112.27
68	3-17 13B	1.00	106.0	26.00	39.22	8.13	93.63	13.39	113.88
69	3-18 13C	1.00	110.0	26.00	39.22	8.18	93.44	13.19	115.52
70	34-1 15A	1.00	106.6	23.00	41.70	4.93	93.60	18.65	117.24
71	34-2 15B	1.00	108.2	28.00	37.80	10.30	93.52	20.08	118.78
72	34-3 15C	1.00	110.3	35.00	33.81	17.82	93.42	11.13	120.40
73	34-4 16A	1.00	107.3	27.00	38.49	9.21	93.57	12.30	122.03
74	34-5 16B	1.00	108.0	24.00	40.82	6.02	93.53	16.68	123.66
75	34-6 16C	1.00	110.2	35.00	33.81	17.82	93.42	14.96	125.30
76	34-7 17A	1.00	106.7	22.00	42.64	3.86	93.60	17.06	126.93
77	34-8 17B	1.00	106.4	27.00	38.49	9.20	93.61	14.03	128.57
78	34-9 17C	1.00	107.4	32.00	35.36	14.56	93.56	11.42	130.18
79	34-10 18A	1.00	108.3	25.00	40.00	7.09	93.52	13.14	131.83
80	34-11 18B	1.00	106.9	28.00	37.80	10.28	93.59	14.78	133.45
81	34-12 18C	1.00	107.0	34.00	34.30	16.69	93.58	11.90	135.08
82	34-13 32A	1.00	106.0	31.00	35.92	13.47	93.63	10.04	136.70
83	34-14 32B	1.00	107.2	25.00	40.00	7.07	93.57	11.78	138.35
84	34-15 32C	1.00	107.6	21.00	43.64	2.80	93.56	15.11	139.97
85	34-16 33A	1.00	106.4	38.00	32.44	20.95	93.61	18.37	141.73
86	34-17 33B	1.00	103.1	26.00	39.22	8.08	93.77	11.40	143.33
87	34-18 33C	1.00	108.8	33.00	34.82	15.65	93.50	11.24	144.98
88	**-1 1A	1.00	108.6	33.00	34.82	15.65	93.50	19.66	146.70
89	**-2 1B	1.00	102.0	68.00	24.25	52.84	93.82	8.55	148.35
90	**-3 1C	1.00	109.6	28.00	37.80	10.32	93.45	8.59	149.97
91	**-4 2A	1.00	107.0	27.00	38.49	9.21	93.58	13.53	151.60
92	**-5 2B	1.00	106.8	15.00	51.64	-3.62	93.59	20.78	153.22
93	**-6 2C	1.00	109.9	39.00	32.03	22.09	93.44	12.60	154.87
94	**-7 3A	1.00	114.9	38.00	32.44	21.14	93.18	22.37	156.49
95	**-8 3B	1.00	112.6	43.00	30.50	26.44	93.30	20.02	158.14
96	**-9 3C	1.00	114.0	47.00	29.17	30.77	93.23	10.63	159.75

Room
Bull
South Wall 1
South Wall 2
East Wall
West Wall
West

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME	
				CPM	%ERROR					
Room 97	**10	25A	1.00	113.9	51.00	28.01	35.06	93.23	10.64	161.41
B 98	**11	25B	1.00	114.0	56.00	26.73	40.43	93.23	19.68	163.15
99	**12	25C	1.00	114.6	35.00	33.81	17.91	93.20	13.23	164.79
100	**13	26A	1.00	113.8	56.00	26.73	40.42	93.24	20.22	166.30
101	**14	26B	1.00	108.5	52.00	27.74	35.97	93.51	10.05	167.95
102	**15	26C	1.00	115.4	50.00	28.28	34.03	93.16	16.04	169.57
103	**16	27A	1.00	112.5	57.00	26.49	41.45	93.30	13.59	171.22
104	**17	27B	1.00	111.5	40.00	31.62	23.20	93.36	14.97	172.84
105	**18	27C	1.00	107.8	27.00	38.49	9.22	93.54	18.26	174.49
106	**1	28A	1.00	110.4	42.00	30.86	25.32	93.41	11.51	176.21
107	**2	28B	1.00	112.9	34.00	34.30	16.80	93.29	24.94	177.75
108	**3	28C	1.00	105.8	33.00	34.82	15.60	93.64	22.00	179.37
109	**4	37A	1.00	110.8	29.00	37.14	11.41	93.39	11.75	181.02
110	**5	37B	1.00	111.1	23.00	41.70	4.99	93.38	7.95	182.63
111	**6	38A	1.00	112.3	36.00	33.33	18.94	93.32	11.77	184.28
112	**7	38B	1.00	110.5	29.00	37.14	11.40	93.41	8.46	185.90
113	**8	39A	1.00	110.7	30.00	36.51	12.48	93.40	16.09	187.53
114	**9	39B	1.00	113.1	36.00	33.33	18.95	93.28	9.90	189.15
115	**10	39C	1.00	108.2	28.00	37.80	10.30	93.53	30.20	190.81
116	**11	39D	1.00	110.5	26.00	39.22	8.19	93.41	25.32	192.44
117	**12	39E	1.00	111.5	29.00	37.14	11.42	93.36	11.73	194.19
118	**13	40A	1.00	109.2	30.00	36.51	12.45	93.47	12.18	195.81
119	**14	40B	1.00	110.8	27.00	38.49	9.27	93.40	11.67	197.45
120	**15	40C	1.00	109.7	34.00	34.30	16.74	93.45	12.96	199.07
121	**16	40D	1.00	111.4	34.00	34.30	16.77	93.36	10.60	200.72
122	**17	40E	1.00	111.3	21.00	43.64	2.85	93.37	22.09	202.34
123	**18	40F	1.00	112.5	30.00	36.51	12.51	93.31	26.25	203.99
124	**1	40G	1.00	109.6	29.00	37.14	11.39	93.45	16.54	205.70
125	**2	41A	1.00	112.9	30.00	36.51	12.52	93.28	11.06	207.35
126	**3	41B	1.00	110.0	29.00	37.14	11.40	93.43	11.91	208.97
127	**4	41C	1.00	111.6	21.00	43.64	2.85	93.35	23.17	210.61
128	**5	41D	1.00	112.6	37.00	32.88	20.01	93.30	14.28	212.24
129	**6	41E	1.00	114.2	41.00	31.23	24.34	93.22	14.74	213.89
130	**7	41F	1.00	111.1	26.00	39.22	8.20	93.38	18.87	215.50
131	**8	41G	1.00	107.8	30.00	36.51	12.43	93.54	7.77	217.13
132	**9	42A	1.00	112.8	26.00	39.22	8.23	93.29	18.17	218.77
133	**10	42B	1.00	109.7	31.00	35.92	13.53	93.45	11.09	220.40
134	**11	42C	1.00	111.1	42.00	30.86	25.33	93.38	14.00	222.02
135	**12	42D	1.00	112.1	41.00	31.23	24.29	93.33	9.59	223.67
136	**13	42E	1.00	118.1	56.00	26.73	40.57	93.01	18.41	225.29
137	**14	42F	1.00	111.7	37.00	32.88	19.99	93.35	12.95	226.94
138	**15	42G	1.00	113.8	28.00	37.80	10.39	93.24	15.25	228.55
139	**16	43A	1.00	114.2	26.00	39.22	8.25	93.22	17.26	230.20
140	**17	43B	1.00	108.7	23.00	41.70	4.96	93.50	20.86	231.82
141	**18	43C	1.00	111.3	25.00	40.00	7.13	93.37	18.64	233.46
142	14-1	43D	1.00	111.9	40.00	31.62	23.21	93.34	9.90	235.07
143	14-2	43E	1.00	111.0	37.00	32.88	19.98	93.39	15.77	236.61
144	14-3	43F	1.00	111.7	41.00	31.23	24.28	93.35	15.94	238.24
145	14-4	43G	1.00	110.5	29.00	37.14	11.40	93.41	30.53	239.89
146	14-5	44A	1.00	109.4	38.00	32.44	21.01	93.46	9.66	241.50
147	14-6	44B	1.00	110.3	23.00	41.70	4.98	93.42	21.31	243.16
148	14-7	44C	1.00	110.3	24.00	40.82	6.05	93.42	10.12	244.76
149	14-8	44D	1.00	112.6	25.00	40.00	7.15	93.30	13.59	246.41
150	14-9	44E	1.00	111.5	36.00	33.33	18.92	93.36	7.34	248.03
151	14-10	44F	1.00	112.3	26.00	39.22	8.22	93.31	19.49	249.66
152	14-11	44G	1.00	115.2	21.00	43.64	2.90	93.17	19.93	251.28
153	14-12	45A	1.00	112.7	28.00	37.80	10.37	93.30	13.50	252.93
154	14-13	45B	1.00	110.0	37.00	32.88	19.96	93.44	9.72	254.55

West Wnu-2

FLOOR

SAM NO	POS	TIME MIN	H#	<u>14C</u>		14C	14C	LUMEX	ELAPSED
				CPM	%ERROR	DPM	EFF-1	%	TIME
155	14-1445c	1.00	107.9	19.00	45.88	0.67	93.54	12.43	256.20
156	14-1545d	1.00	110.7	21.00	43.64	2.84	93.40	10.26	257.81
157	14-1645e	1.00	113.0	38.00	32.44	21.09	93.28	15.13	259.45
158	14-1745f	1.00	110.3	37.00	32.88	19.96	93.42	18.09	261.07
159	14-1845g	1.00	111.6	27.00	38.49	9.28	93.35	19.70	262.61
160	51-146A	1.00	109.0	26.00	39.22	8.17	93.49	19.58	264.34
161	51-246B	1.00	110.3	24.00	40.82	6.05	93.42	17.68	265.97
162	51-346C	1.00	111.1	51.00	28.01	34.97	93.38	6.87	267.60
163	51-446D	1.00	112.1	35.00	33.81	17.86	93.33	9.47	269.25

FLOOR
 2 3 7

ID:BLDG B

23 APR 2009 05:26

USER:20

COMMENT:ROOM B CEILING SWIPES (506)

PRESET TIME : 1.00
 DATA CALC : SL DPM H# :YES SAMPLE REPEATS: 1 PRINTER : STD
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 TWO PHASE : NO AQC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low: 0.010 High:325.27

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
B1	14-1	1.00	84.5	23.00	41.70	24.42	94.17	0.39	1.62
B2	14-2	1.00	85.7	32.00	35.36	34.00	94.12	0.22	3.22
Blank Average				DPM	for 14C :	29.21	COEF. OF VAR:		23.180
1	14-4	1.00	84.4	24.00	40.82	-3.73	94.18	0.25	4.84
2	14-5	1.00	83.9	25.00	40.00	-2.67	94.20	0.18	6.43
3	14-6	1.00	112.7	327.00	11.06	323.16	92.80	0.78	8.16
4	14-7	1.00	111.5	116.00	18.57	95.70	92.87	2.37	9.78
5	14-8	1.00	109.3	117.00	18.49	96.62	92.98	1.94	11.41
6	14-9	1.00	112.0	72.00	23.57	48.34	92.84	2.91	13.02
7	14-10	1.00	111.0	87.00	21.44	64.45	92.89	3.46	14.65
8	14-11	1.00	107.2	65.00	24.81	40.61	93.09	2.41	16.26
9	14-12	1.00	107.2	82.00	22.09	58.87	93.10	1.89	18.00
10	14-13	1.00	107.3	137.00	17.09	117.95	93.09	1.00	19.61
11	14-14	1.00	106.9	71.00	23.74	47.04	93.11	2.82	21.26
12	14-15	1.00	100.6	62.00	25.40	37.15	93.43	2.38	22.86
13	14-16	1.00	102.0	66.00	24.62	41.48	93.36	2.33	24.50
14	14-17	1.00	111.2	52.00	27.74	26.77	92.89	3.13	26.11
15	14-18	1.00	108.5	65.00	24.81	40.66	93.03	2.72	27.84
16	**-1	1.00	118.6	111.00	18.98	90.84	92.46	1.34	29.56
17	**-2	1.00	105.1	68.00	24.25	43.75	93.21	2.61	31.20
18	**-3	1.00	106.9	64.00	25.00	39.52	93.11	2.62	32.81
19	**-4	1.00	108.7	81.00	22.22	57.87	93.02	3.91	34.55
20	**-5	1.00	107.9	51.00	28.01	25.59	93.06	2.96	36.16
21	**-6	1.00	102.9	84.00	21.82	60.80	93.32	1.80	37.90
22	**-7	1.00	107.7	56.00	26.73	30.96	93.07	2.84	39.51
23	**-8	1.00	109.4	74.00	23.25	50.38	92.98	3.11	41.25
24	**-9	1.00	113.7	74.00	23.25	50.58	92.75	2.21	42.96
25	**-10	1.00	107.9	85.00	21.69	62.13	93.06	1.40	44.59
26	**-11	1.00	106.7	46.00	29.49	20.19	93.12	3.83	46.32
27	**-12	1.00	116.7	61.00	25.61	36.68	92.58	2.30	48.04
28	**-13	1.00	112.9	69.00	24.08	45.15	92.79	1.75	49.66
29	**-14	1.00	108.5	52.00	27.74	26.69	93.03	2.26	51.29
30	**-15	1.00	120.7	80.00	22.36	57.43	92.34	1.34	52.91
31	**-16	1.00	125.2	115.00	18.65	95.71	92.06	0.70	54.64
32	**-17	1.00	126.8	91.00	20.97	69.75	91.96	2.37	56.35
33	**-18	1.00	85.9	35.00	33.81	7.98	94.11	0.23	57.98
34	14-1	1.00	111.6	77.00	22.79	53.71	92.86	3.33	59.70
35	14-2	1.00	107.5	42.00	30.86	15.91	93.08	4.97	61.35
36	14-3	1.00	111.5	63.00	25.20	38.63	92.86	6.22	63.06
37	14-4	1.00	110.7	65.00	24.81	40.75	92.91	3.50	64.70
38	14-5	1.00	110.2	61.00	25.61	36.42	92.94	2.36	66.31

Room B Ceiling (506)

SAM NO	POS	TIME MIN	H#	14C		14C	14C	LUMEX %	ELAPSED TIME
				CPM	%ERROR	DPM	EFF-1		
39	14-6	1.00	105.7	47.00	29.17	21.23	93.17	3.52	67.96
40	14-7	1.00	111.9	67.00	24.43	42.95	92.84	3.19	69.58
41	14-8	1.00	137.7	83.00	21.95	61.78	91.22	1.27	71.31
42	14-9	1.00	114.2	200.00	14.14	186.50	92.72	0.76	72.92
43	14-10	1.00	112.7	169.00	15.38	152.90	92.80	1.93	74.57
44	14-11	1.00	112.9	65.00	24.81	40.84	92.79	3.22	76.18
45	14-12	1.00	114.3	563.00	8.43	578.06	92.71	0.35	77.91
46	14-13	1.00	106.4	114.00	18.73	93.19	93.14	1.70	79.53
47	14-14	1.00	108.8	143.00	16.72	124.53	93.01	1.64	81.16
48	14-15	1.00	107.7	76.00	22.94	52.45	93.07	2.20	82.78
49	14-16	1.00	101.9	87.00	21.44	63.97	93.37	2.86	84.41
50	14-17	1.00	107.3	70.00	23.90	45.99	93.09	2.23	86.03
51	14-18	1.00	111.2	117.00	18.49	96.76	92.88	2.39	87.66
52	21-1	1.00	85.7	42.00	30.86	15.41	94.12	0.28	89.47
53	21-2	1.00	108.5	61.00	25.61	36.36	93.03	3.30	91.11
54	21-3	1.00	115.2	52.00	27.74	26.91	92.66	2.63	92.71
55	21-4	1.00	107.4	219.00	13.51	206.05	93.09	1.11	94.36
56	21-5	1.00	133.7	225.00	11.64	225.00	92.72	0.76	95.92

ID: BLDG B

25 APR 2009 06:14

USER: 20

COMMENT: ROOM 506 RESWIPES

PRESET TIME : 1.00
 DATA CALC : SL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : STD
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 TWO PHASE : NO AQC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low: 0.010 High: 325.27

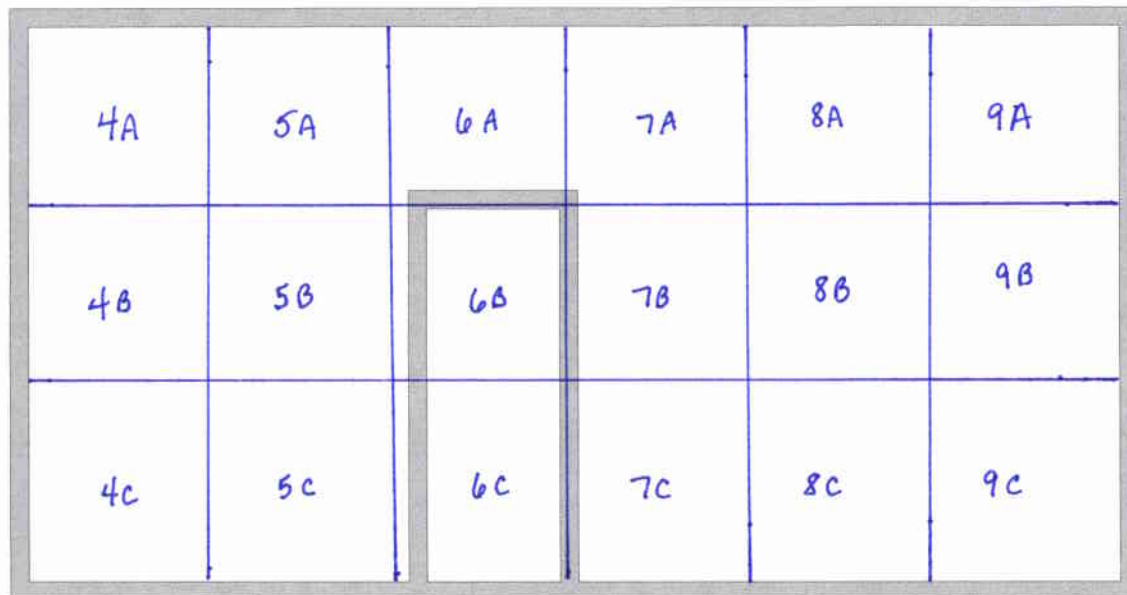
SAM NO	POS	TIME MIN	H#	<u>14C</u>		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
B1	6-1	1.00	84.1	56.00	26.73	59.45	94.19	0.26	1.52
B2	6-2	1.00	85.8	32.00	35.36	34.00	94.12	0.34	3.12
Blank Average				DPM	for	14C :	46.73	COEF. OF VAR:	38.517
1	6-4	1.00	109.2	145.00	16.61	109.20	92.99	1.39	4.76
2	6-5	1.00	120.4	98.00	20.20	59.39	92.35	2.48	6.36
3	6-6	1.00	107.6	110.00	19.07	71.46	93.08	1.49	7.99

1- # 3 Ceiling
 2- # 45 Ceiling
 3- # 55 Ceiling

BLDG B ROOM 506		WALLS 22 Apr 2009			
Control	<200 dpm				
Control	<200 dpm				
Blank					
4A	<200 dpm	23B	<200 dpm	18C	<200 dpm
4B	<200 dpm	23C	<200 dpm	32A	<200 dpm
4C	<200 dpm	24A	<200 dpm	32B	<200 dpm
5A	<200 dpm	24B	<200 dpm	32C	<200 dpm
5B	<200 dpm	24C	<200 dpm	33A	<200 dpm
5C	<200 dpm	29A	<200 dpm	33B	<200 dpm
6A	<200 dpm	29B	<200 dpm	33C	<200 dpm
6B	<200 dpm	29C	<200 dpm	1A	<200 dpm
6C	<200 dpm	30A	<200 dpm	1B	<200 dpm
7A	<200 dpm	30B	<200 dpm	1C	<200 dpm
7B	<200 dpm	30C	<200 dpm	2A	<200 dpm
7C	<200 dpm	31A	<200 dpm	2B	<200 dpm
8A	<200 dpm	31B	<200 dpm	2C	<200 dpm
8B	<200 dpm	31C	<200 dpm	3A	<200 dpm
8C	<200 dpm	14A	<200 dpm	3B	<200 dpm
9A	<200 dpm	14B	<200 dpm	3C	<200 dpm
9B	<200 dpm	14C	<200 dpm	25A	<200 dpm
9C	<200 dpm	10A	<200 dpm	25B	<200 dpm
34A	<200 dpm	10B	<200 dpm	25C	<200 dpm
34B	<200 dpm	10C	<200 dpm	26A	<200 dpm
34C	<200 dpm	11A	<200 dpm	26B	<200 dpm
35A	<200 dpm	11B	<200 dpm	26C	<200 dpm
35B	<200 dpm	11C	<200 dpm	27A	<200 dpm
35C	<200 dpm	12A	<200 dpm	27B	<200 dpm
36A	<200 dpm	12B	<200 dpm	27C	<200 dpm
36B	<200 dpm	12C	<200 dpm	28A	<200 dpm
36C	<200 dpm	13A	<200 dpm	28B	<200 dpm
19A	<200 dpm	13B	<200 dpm	28C	<200 dpm
19B	<200 dpm	13C	<200 dpm		
19C	<200 dpm	15A	<200 dpm		
20A	<200 dpm	15B	<200 dpm		
20B	<200 dpm	15C	<200 dpm		
20C	<200 dpm	16A	<200 dpm		
21A	<200 dpm	16B	<200 dpm		
21B	<200 dpm	16C	<200 dpm		
21C	<200 dpm	17A	<200 dpm		
22A	<200 dpm	17B	<200 dpm		
22B	<200 dpm	17C	<200 dpm		
22C	<200 dpm	18A	<200 dpm		
23A	<200 dpm	18B	<200 dpm		

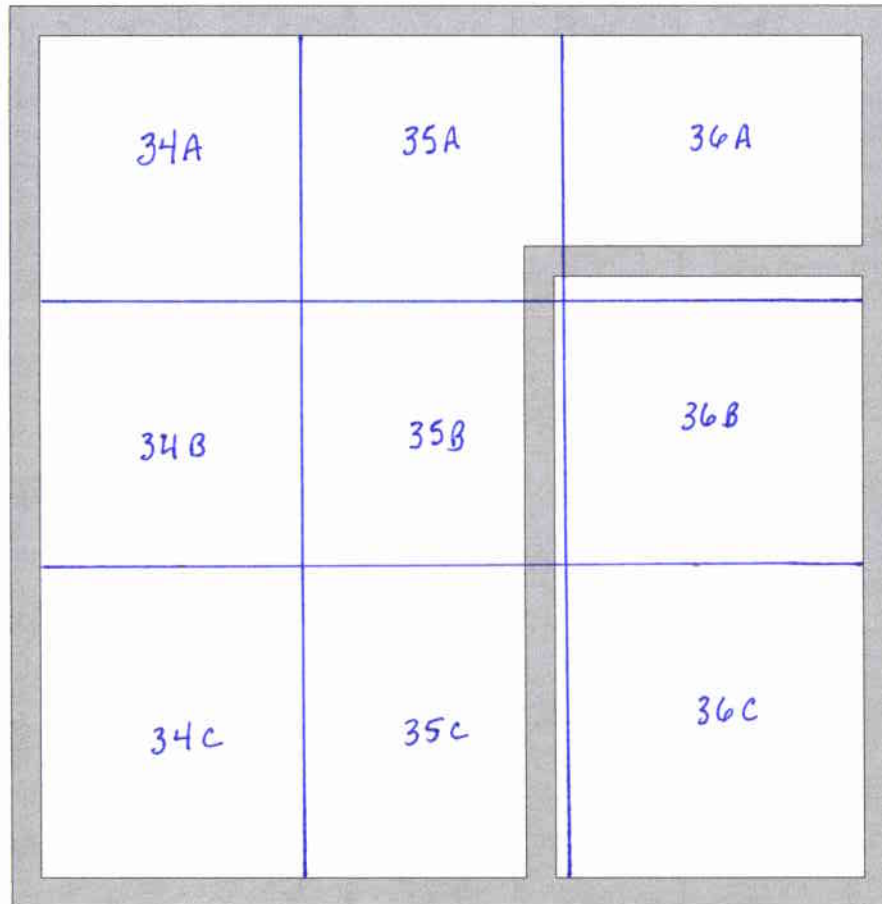
BLDG B ROOM 506		FLOOR 22 Apr 2009			
Control	<200 dpm				
Control	<200 dpm				
Blank					
37A	<200 dpm	44D	<200 dpm		
37B	<200 dpm	44E	<200 dpm		
38A	<200 dpm	44F	<200 dpm		
38B	<200 dpm	44G	<200 dpm		
39A	<200 dpm	45A	<200 dpm		
39B	<200 dpm	45B	<200 dpm		
39C	<200 dpm	45C	<200 dpm		
39D	<200 dpm	45E	<200 dpm		
39E	<200 dpm	45F	<200 dpm		
40A	<200 dpm	45G	<200 dpm		
40B	<200 dpm	46A	<200 dpm		
40C	<200 dpm	46B	<200 dpm		
40D	<200 dpm	46C	<200 dpm		
40E	<200 dpm	46D	<200 dpm		
40F	<200 dpm				
40G	<200 dpm				
41A	<200 dpm				
41B	<200 dpm				
41C	<200 dpm				
41D	<200 dpm				
41E	<200 dpm				
41F	<200 dpm				
41G	<200 dpm				
42A	<200 dpm				
42B	<200 dpm				
42C	<200 dpm				
42D	<200 dpm				
42E	<200 dpm				
42F	<200 dpm				
42G	<200 dpm				
43A	<200 dpm				
43B	<200 dpm				
43C	<200 dpm				
43D	<200 dpm				
43E	<200 dpm				
43F	<200 dpm				
43G	<200 dpm				
44A	<200 dpm				
44B	<200 dpm				
44C	<200 dpm				

BLDG B ROOM 506		CEILING 23 Apr 2009			
Control	<200 dpm				
Control	<200 dpm				
Blank					
1	<200 dpm	41	<200 dpm		REPEAT TESTS
2	<200 dpm	42	<200 dpm		
3	323 dpm	43	<200 dpm	3	<200 dpm
4	<200 dpm	44	<200 dpm	45	<200 dpm
5	<200 dpm	45	<200 dpm	55	<200 dpm
6	<200 dpm	46	<200 dpm		
7	<200 dpm	47	<200 dpm		
8	<200 dpm	48	<200 dpm		
9	<200 dpm	49	<200 dpm		
10	<200 dpm	50	<200 dpm		
11	<200 dpm	51	<200 dpm		
12	<200 dpm	52	<200 dpm		
13	<200 dpm	53	<200 dpm		
14	<200 dpm	54	<200 dpm		
15	<200 dpm	55	206 dpm		
16	<200 dpm				
17	<200 dpm				
18	<200 dpm				
19	<200 dpm				
20	<200 dpm				
21	<200 dpm				
22	<200 dpm				
23	<200 dpm				
24	<200 dpm				
25	<200 dpm				
26	<200 dpm				
27	<200 dpm				
28	<200 dpm				
29	<200 dpm				
30	<200 dpm				
31	<200 dpm				
32	<200 dpm				
33	<200 dpm				
34	<200 dpm				
35	<200 dpm				
36	<200 dpm				
37	<200 dpm				
38	<200 dpm				
39	<200 dpm				
40	<200 dpm				



Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm



Room Survey Date: 20 April 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

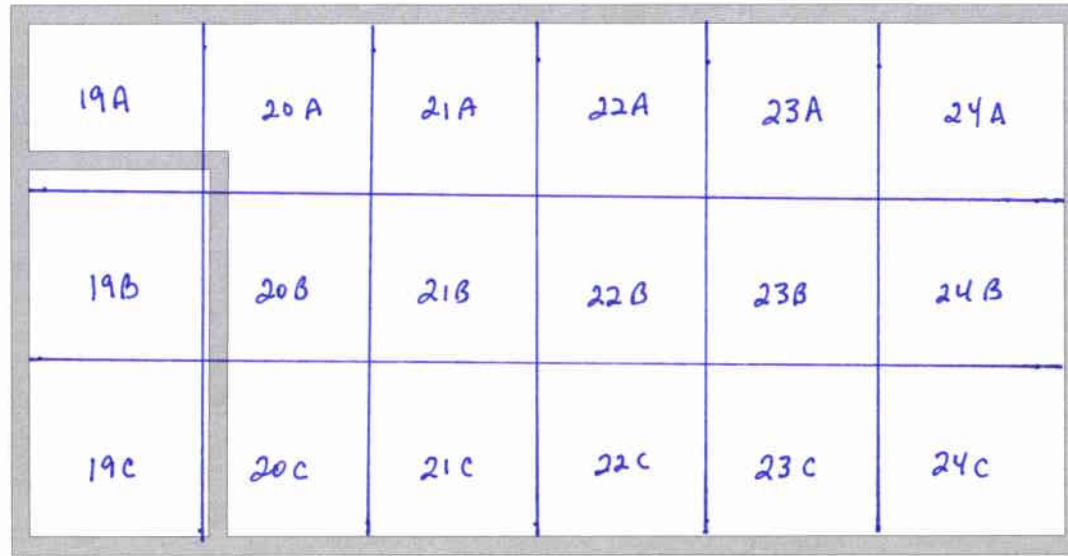
S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

S/N: PR276541

Survey Readings: <100 cpm



Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

29A	30A	31A
29B	30B	31B
29C	30C	31C

Room Survey Date: 20 April 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

S/N: 258504

Cal Date: 04 March 2009

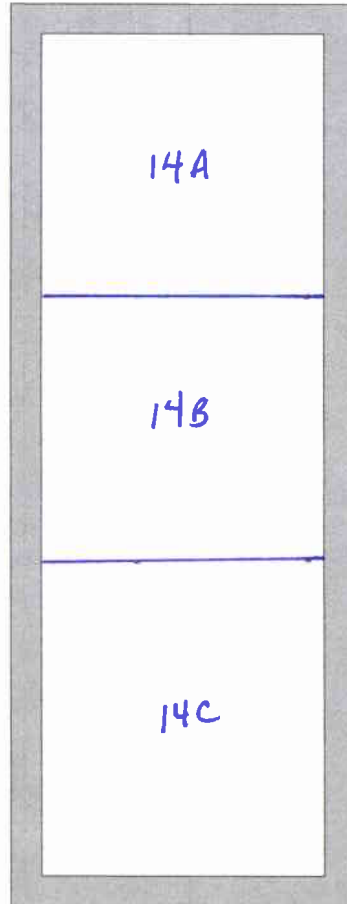
Ludlum Probe Model 44-9

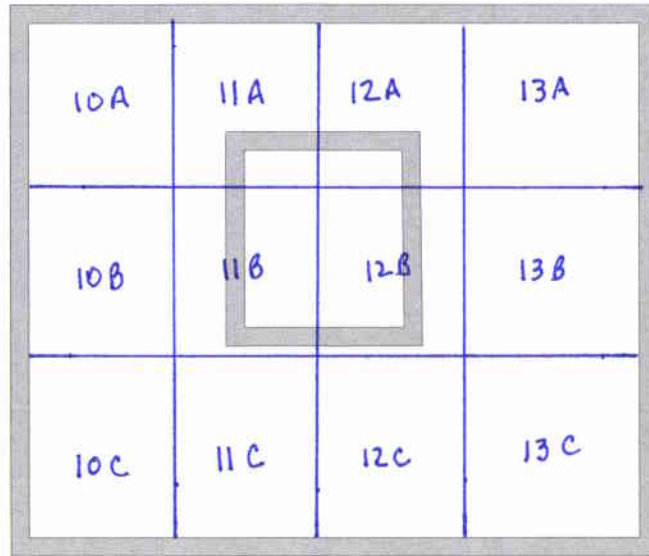
S/N: PR276541

Survey Readings: <100 cpm

Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

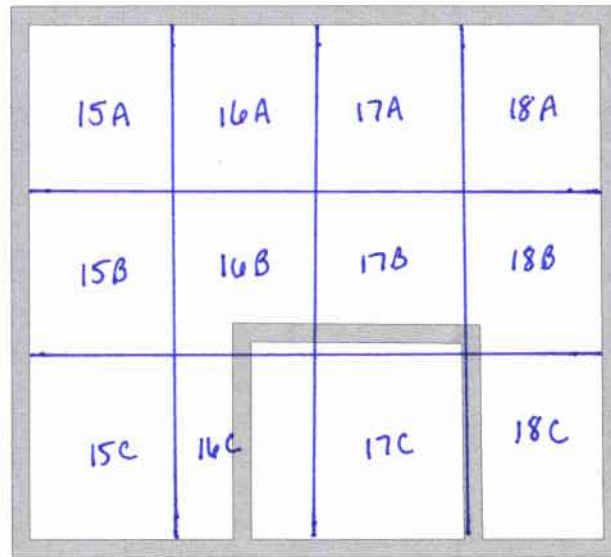
Survey Readings: <100 cpm





Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

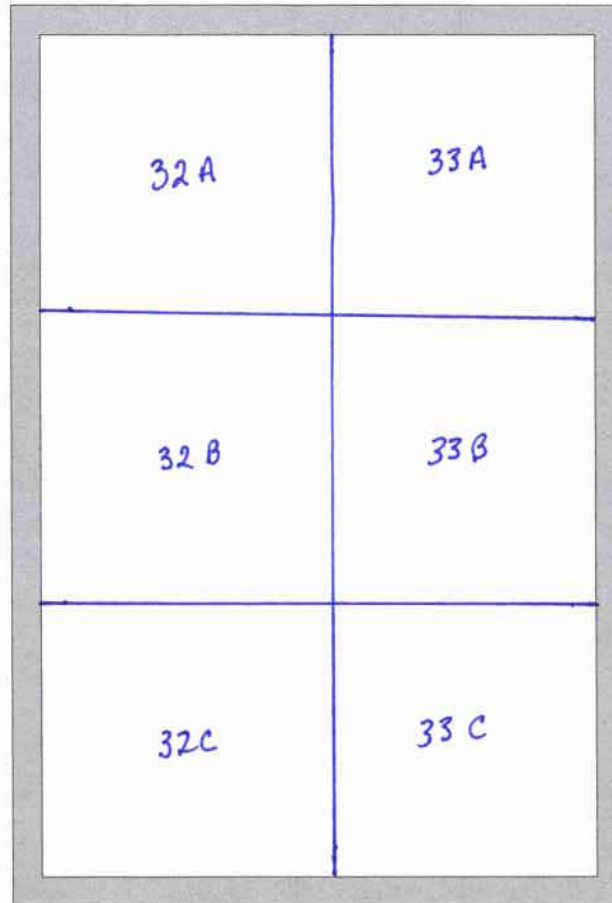


Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

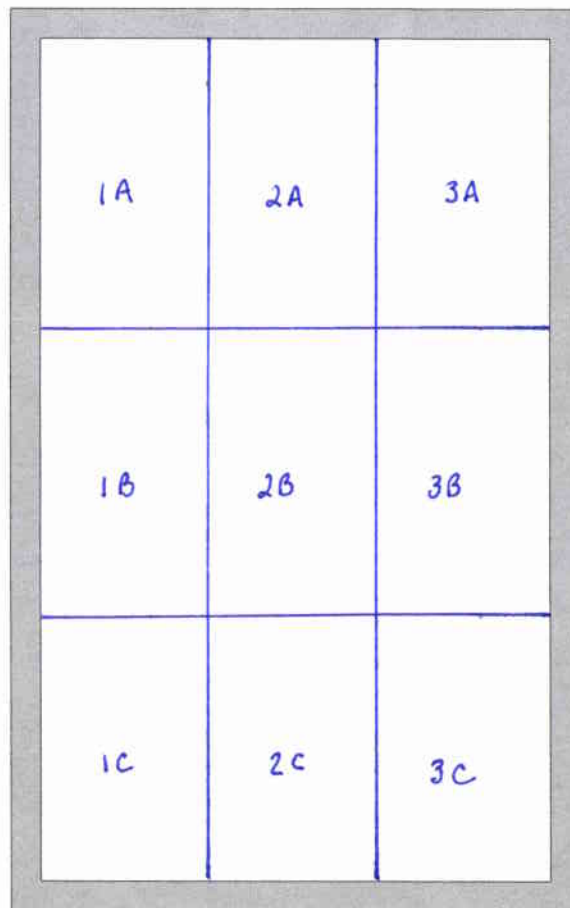
Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm



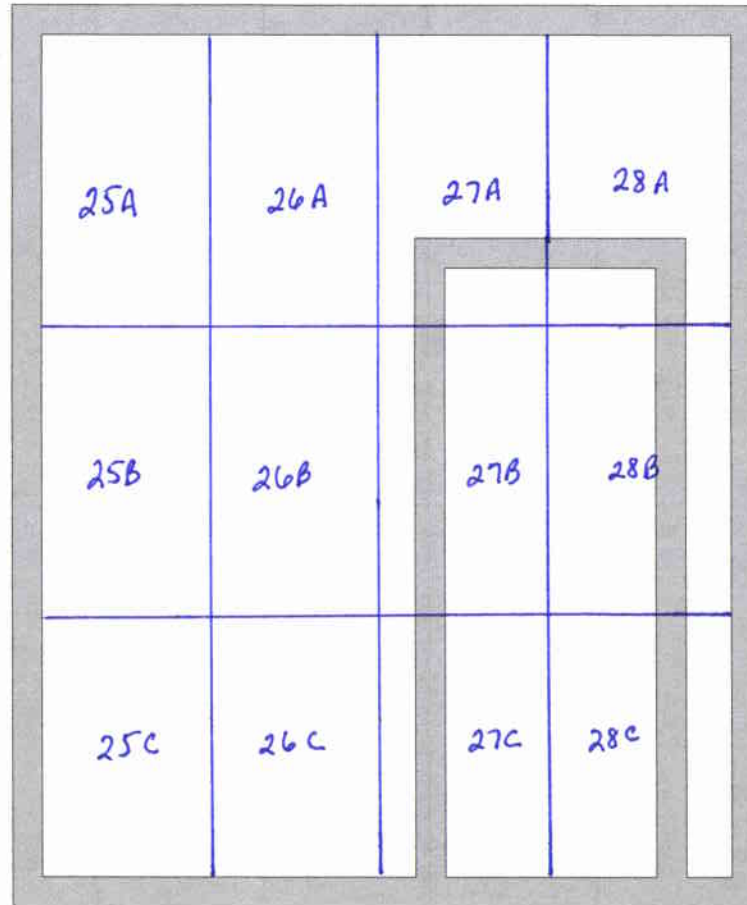
Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm



Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm



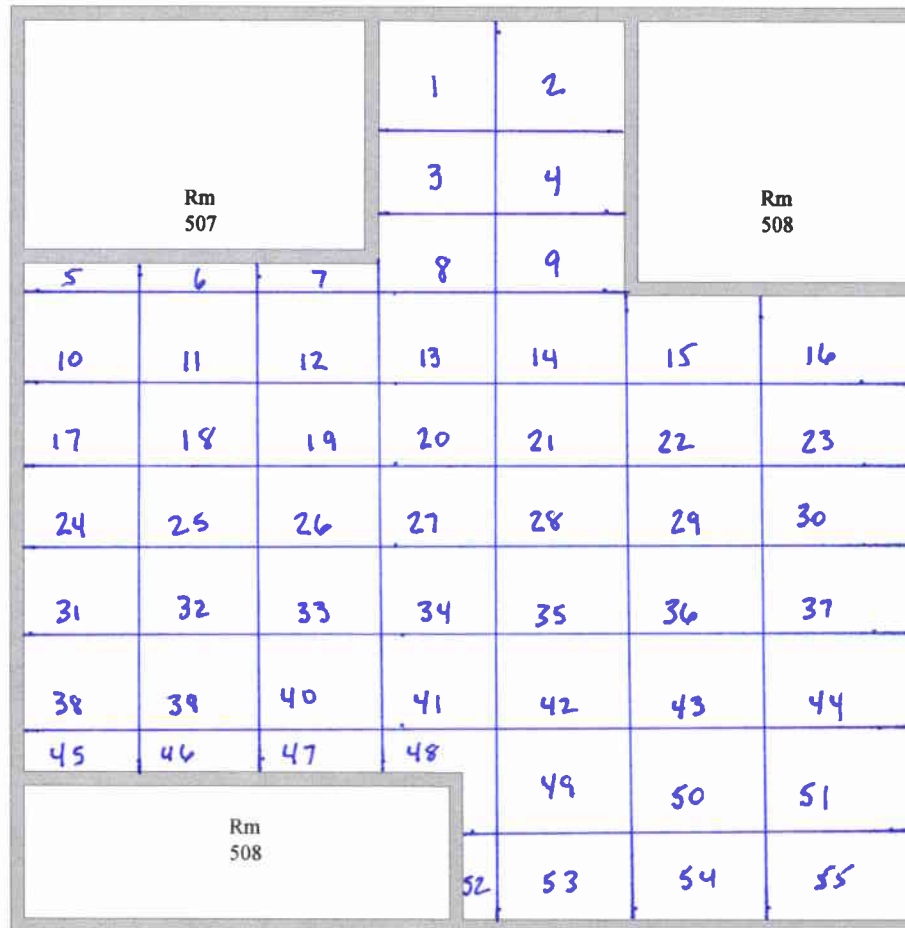
W ↑



Room Survey Date: 20 April 2009
 Surveyor: Tom Sanders
 Ludlum Model 3 Survey Meter
 S/N: 258504
 Cal Date: 04 March 2009
 Ludlum Probe Model 44-9
 S/N: PR276541

Survey Readings: <100 cpm

W ↑



Room Survey Date: 20 April 2009
 Surveyor: Tom Sanders
 Ludlum Model 3 Survey Meter
 S/N: 258504
 Cal Date: 04 March 2009
 Ludlum Probe Model 44-9
 S/N: PR276541

Survey Readings: <100 cpm

ID:BLDG B

24 APR 2009 14:50

USER:20

COMMENT:ROOM 507 SWIPES

PRESET TIME : 1.00
 TA CALC : SL DPM H# :YES SAMPLE REPEATS: 1 PRINTER : STD
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 TWO PHASE : NO ARC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low: 0.010 High:325.27

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
B1	6-1	1.00	84.5	42.00	30.86	44.60	94.17	0.33	1.62
B2	6-2	1.00	85.7	31.00	35.92	32.94	94.12	0.42	3.85
				Blank	Average	14C :	38.77	COEF. OF VAR:	21.273

1	6-4	10	1.00	107.8	213.00	13.70	190.11	93.06	2.57	4.97
2	6-5	11	1.00	113.2	72.00	23.57	38.84	92.77	3.54	6.58
3	6-6	12	1.00	125.5	298.00	11.59	284.98	92.05	0.54	8.31
4	6-7	13	1.00	119.0	55.00	26.97	20.73	92.44	5.50	9.93
5	6-8	14	1.00	139.7	70.00	23.90	38.09	91.08	1.59	11.66
6	6-9	15	1.00	112.8	296.00	11.62	280.21	92.80	0.72	13.27
7	6-10	16	1.00	118.6	79.00	22.50	46.67	92.46	1.94	14.90
8	6-11	17	1.00	110.8	131.00	17.47	102.24	92.90	2.32	16.51
9	6-12	18	1.00	119.4	97.00	20.31	66.19	92.42	1.89	18.16
10	6-13	19	1.00	114.8	67.00	24.43	33.52	92.68	2.21	19.76
11	6-14	20	1.00	121.5	69.00	24.08	36.00	92.29	6.69	21.52
12	6-15	21	1.00	103.9	44.00	30.15	8.41	93.26	3.40	23.13
13	6-16	22	1.00	117.6	52.00	27.74	17.43	92.52	7.11	24.76
14	6-17	23	1.00	110.8	52.00	27.74	17.20	92.90	4.92	26.48
15	6-18	24	1.00	100.9	117.00	18.49	86.48	93.42	1.78	28.11
16	51-1	25	1.00	113.8	54.00	27.22	19.46	92.74	5.26	29.83
17	51-2	26	1.00	124.2	57.00	26.49	23.11	92.12	8.21	31.57
18	51-3	27	1.00	110.0	91.00	20.97	59.14	92.95	1.49	33.18
19	51-4	28	1.00	107.7	55.00	26.97	20.33	93.07	3.63	34.81
20	51-5	29	1.00	107.1	79.00	22.50	46.09	93.10	2.34	36.42
21	51-6	30	1.00	85.2	43.00	30.50	6.91	94.14	0.13	38.06
22	51-7	31	1.00	132.8	54.00	27.22	20.21	91.57	12.72	39.67
23	51-8	32	1.00	129.2	44.00	30.15	9.16	91.81	7.43	41.31
24	51-9	33	1.00	115.5	59.00	26.04	24.92	92.64	4.75	43.03
25	51-10	34	1.00	118.6	105.00	19.52	74.79	92.46	3.10	44.68
26	51-11	35	1.00	102.1	78.00	22.65	44.78	93.36	3.86	46.30
27	51-12	36	1.00	84.1	27.00	38.49	-10.10	94.19	0.65	47.92
28	51-13	37	1.00	113.9	42.00	30.86	6.52	92.73	6.75	49.53
29	51-14	38	1.00	113.6	51.00	28.01	16.22	92.75	6.95	51.27
30	51-15	39	1.00	118.5	107.00	19.33	76.95	92.47	1.77	52.88
31	51-16	40	1.00	106.4	75.00	23.09	41.76	93.14	3.65	54.53
32	51-17	41	1.00	106.2	52.00	27.74	17.06	93.15	5.33	56.15
33	51-18	42	1.00	127.6	60.00	25.82	26.51	91.91	10.37	57.78
34	14-1	43	1.00	100.9	44.00	30.15	8.33	93.42	4.36	59.51
35	14-2	44	1.00	111.9	43.00	30.50	7.55	92.85	5.55	61.15
36	14-3	45	1.00	108.5	42.00	30.86	6.38	93.03	4.67	62.76
37	14-4	46	1.00	122.7	51.00	28.01	16.54	92.22	10.14	64.40
38	14-5	47	1.00	112.7	44.00	30.15	8.65	92.80	6.32	66.01

East Wall

South Wall

West Wall

Ceiling

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
37	** 6	1.00	111.5	55.00	36.51	10.37	93.55	8.93	66.84
38	** -7	1.00	120.1	64.00	24.42	49.28	92.90	4.49	68.60
39	** 8	1.00	109.3	40.00	51.52	21.03	93.47	9.80	70.88
40	** -9	1.00	114.4	28.00	37.80	8.27	93.21	34.41	71.87
43	** 10	1.00	107.9	31.00	35.92	11.37	93.54	10.43	73.50
44	** 11	1.00	116.2	28.00	37.80	8.50	93.11	10.88	75.13
45	** 12	1.00	126.1	30.00	36.51	10.53	92.98	15.75	76.75
46	** -13	1.00	109.5	33.00	34.92	13.54	93.46	9.25	78.48
47	** -14	1.00	107.5	18.00	47.14	-2.53	93.54	13.85	80.82
48	** -15	1.00	115.2	29.00	37.14	9.36	93.16	6.03	81.66
49	** 16	1.00	109.7	30.00	36.51	10.34	93.45	14.83	85.28
50	** -17	1.00	110.3	37.00	32.88	17.04	93.42	8.80	85.02
51	** -18	1.00	115.5	59.00	26.04	41.87	93.15	9.03	86.65
52	21-1 1	1.00	107.0	31.00	35.92	11.36	93.58	8.97	88.40
53	21-2 2	1.00	117.9	73.00	23.41	56.71	93.02	15.60	90.02
54	21-3 3	1.00	109.7	31.00	35.92	11.41	93.45	11.51	91.67
55	21-4 4	1.00	117.7	37.00	32.88	18.00	93.03	25.37	93.29
56	21-5 5	1.00	116.9	32.00	35.36	12.61	93.07	22.57	94.94
57	21-6 6	1.00	111.4	31.00	35.92	11.44	93.36	17.61	96.55
58	21-7 7	1.00	138.9	32.00	35.36	13.13	91.70	39.52	98.21
59	21-8 8	1.00	138.1	46.00	29.49	28.36	91.76	37.36	99.85
60	21-9 9	1.00	125.7	35.00	33.81	16.04	92.57	17.94	101.51

↑
4,502
Loop
Rm 507
↓

NORTH WALL Rm 507

Room 507

SAM NO	POS	TIME MIN	H#	14C		14C	14C	LUMEX %	ELAPSED TIME	
				CPM	%ERROR	DFM	EFF-1			
39	14-6	48	1.00	124.6	56.00	26.73	22.04	92.10	8.58	67.67
40	14-7	49	1.00	86.1	41.00	31.23	4.80	94.10	0.25	69.28
41	14-8	50	1.00	111.5	60.00	25.82	25.84	92.87	5.36	71.02
42	14-9	51	1.00	104.9	88.00	21.32	55.64	93.22	1.75	72.63
43	14-10	52	1.00	108.3	76.00	22.94	42.92	93.04	2.44	74.38
44	14-11	53	1.00	107.7	66.00	24.62	32.15	93.07	2.85	76.10
45	14-12	54	1.00	99.4	113.00	18.81	82.10	93.49	1.45	77.83

60

ID:BLDG B

25 APR 2009 06:31

USER:20

COMMENT:ROOM 507 RESWIPES

PRESET TIME : 1.00
 DATA CALC : SL DPM H# :YES SAMPLE REPEATS: 1 PRINTER : STD
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 TWO PHASE : NO AGC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

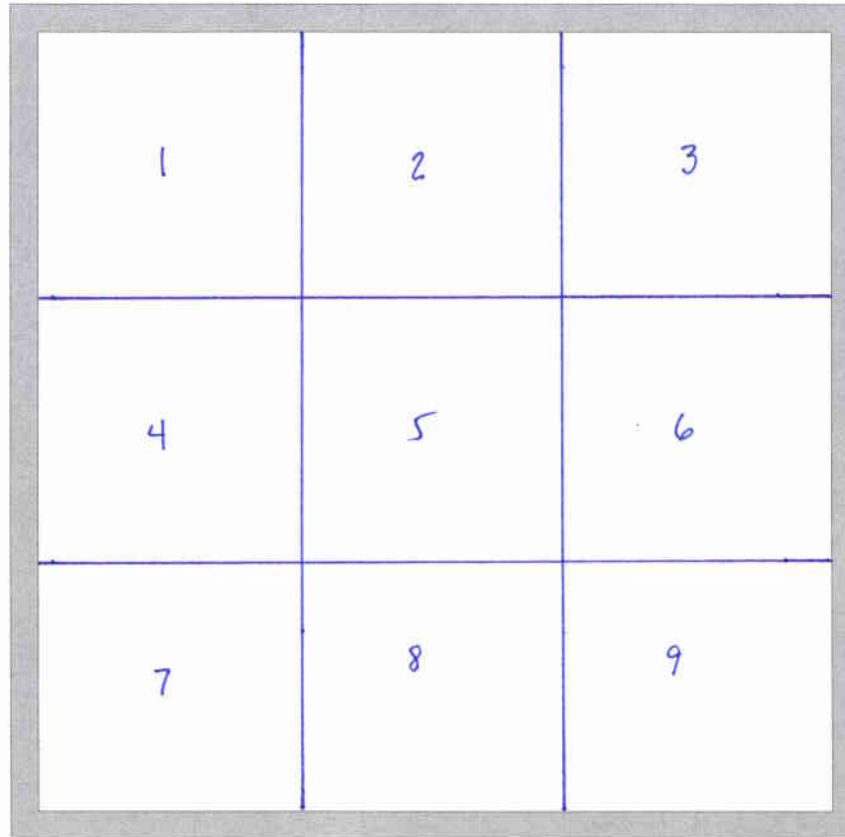
Quench Limits Low: 0.010 High:325.27

SAM NO	POS	TIME MIN	H#	<u>14C</u>		14C	14C	LUMEX	ELAPSED TIME
				CPM	%ERROR	DPM	EFF-1	%	
B1	6-1	1.00	83.5	60.00	25.82	63.68	94.22	0.26	1.52
B2	6-2	1.00	85.2	23.00	41.70	24.43	94.14	0.44	3.12
Blank Average				DPM for	14C :	44.06 COEF. OF VAR: 63.000			
1	6-4	1.00	112.5	72.00	23.57	33.52	92.81	1.60	4.76
2	6-5	1.00	119.0	72.00	23.57	33.83	92.44	1.49	6.46

1- # 12 EAST WALL

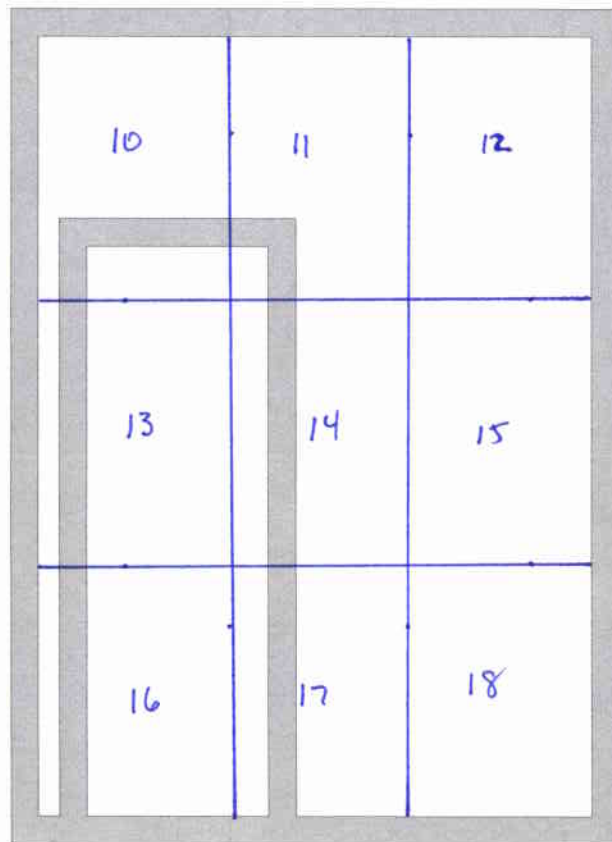
2- # 15 EAST WALL

BLDG B ROOM 507		24 Apr 2009			
Control	<200 dpm				
Control	<200 dpm				
Blank					
1	<200 dpm	41	<200 dpm		REPEAT TESTS
2	<200 dpm	42	<200 dpm		
3	<200 dpm	43	<200 dpm	12	<200 dpm
4	<200 dpm	44	<200 dpm	15	<200 dpm
5	<200 dpm	45	<200 dpm		
6	<200 dpm	46	<200 dpm		
7	<200 dpm	47	<200 dpm		
8	<200 dpm	48	<200 dpm		
9	<200 dpm	49	<200 dpm		
10	<200 dpm	50	<200 dpm		
11	<200 dpm	51	<200 dpm		
12	298 dpm	52	<200 dpm		
13	<200 dpm	53	<200 dpm		
14	<200 dpm	54	<200 dpm		
15	296 dpm				
16	<200 dpm				
17	<200 dpm				
18	<200 dpm				
19	<200 dpm				
20	<200 dpm				
21	<200 dpm				
22	<200 dpm				
23	<200 dpm				
24	<200 dpm				
25	<200 dpm				
26	<200 dpm				
27	<200 dpm				
28	<200 dpm				
29	<200 dpm				
30	<200 dpm				
31	<200 dpm				
32	<200 dpm				
33	<200 dpm				
34	<200 dpm				
35	<200 dpm				
36	<200 dpm				
37	<200 dpm				
38	<200 dpm				
39	<200 dpm				
40	<200 dpm				



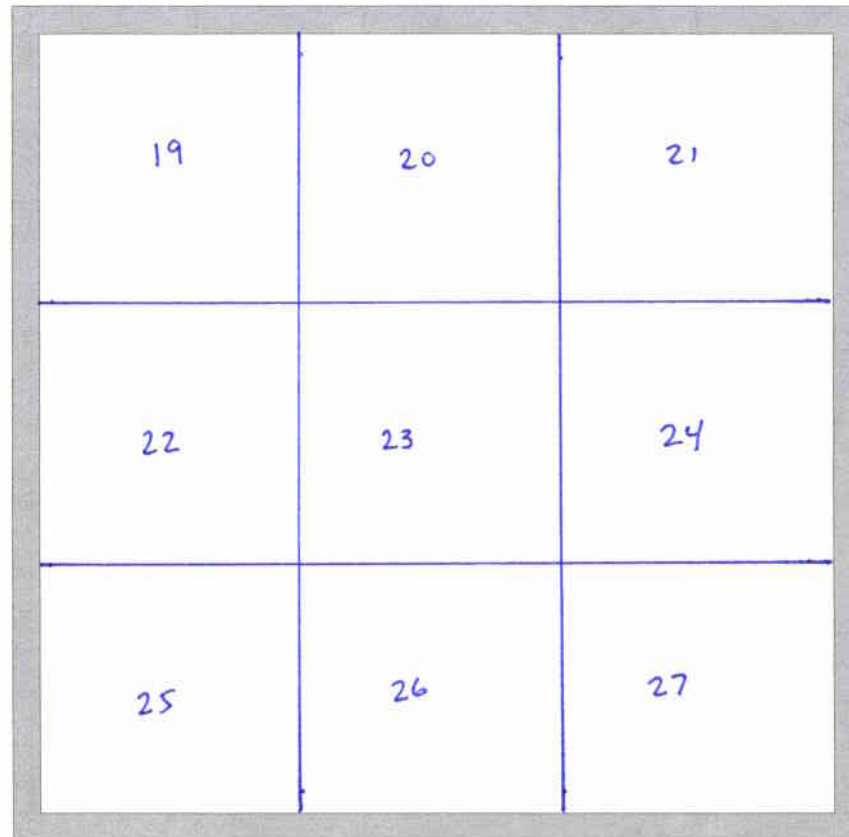
Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm



Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm



Room Survey Date: 20 April 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

S/N: PR276541

Survey Readings: <100 cpm

28	29	30
31	32	33
34	35	36

Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

37	40	43
38	41	44
39	42	45



Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

46	47	48
49	50	51
52	53	54



Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

ID:BLDG B

23 APR 2009 10:44

USER:20 COMMENT:MECHANICAL ROOM SWIPES

PRESET TIME : 1.00
 DATA CALC : SL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : STD
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 TWO PHASE : NO ARC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low: 0.010 High:325.27

SAM NO	POS	TIME MIN	H#	<u>14C</u>		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
B1	34-1	1.00	84.6	34.00	34.30	36.10	94.17	0.29	1.52
B2	34-2	1.00	84.9	21.00	43.64	22.30	94.16	0.28	3.12
Blank Average				DPM	for 14C :	29.20	COEF. OF VAR:		33.418

	1	34-4	1.00	96.2	396.00	10.05	393.67	93.65	0.65	4.77
N. Wall	2	34-5	1.00	95.9	114.00	18.73	92.51	93.66	1.12	6.36
	3	34-6	1.00	95.1	93.00	20.74	70.05	93.70	1.96	8.10
	4	34-7	1.00	95.1	34.00	34.30	7.08	93.70	4.44	9.71
	5	34-8	1.00	95.9	69.00	24.08	44.47	93.66	1.82	11.43
	6	34-9	1.00	114.2	66.00	24.62	41.98	92.71	4.53	13.04
	7	34-10	1.00	119.8	52.00	27.74	27.08	92.39	5.71	14.76
	8	34-11	1.00	119.1	81.00	22.22	58.42	92.44	3.35	16.38
EAST	9	34-12	1.00	114.0	54.00	27.22	29.03	92.73	4.24	18.12
	10	34-13	1.00	113.0	41.00	31.23	14.99	92.78	9.17	19.74
S. Wall	11	34-14	1.00	111.1	57.00	26.49	32.16	92.89	6.55	21.38
	12	34-15	1.00	116.8	66.00	24.62	42.09	92.57	5.07	22.99
	13	34-16	1.00	118.4	46.00	29.49	20.54	92.47	7.94	24.75
WEST WALL	14	34-17	1.00	122.9	82.00	22.09	59.73	92.20	6.76	26.47
	15	34-18	1.00	138.6	56.00	26.73	32.23	91.16	12.23	28.11
	16	38-1	1.00	114.7	58.00	26.26	33.37	92.69	5.22	29.83
FLOOR	17	38-2	1.00	126.6	44.00	30.15	18.64	91.97	10.29	31.47
	18	38-3	1.00	115.3	54.00	27.22	29.08	92.65	5.23	33.19
	19	38-4	1.00	125.3	65.00	24.81	41.41	92.05	7.29	34.83
	20	38-5	1.00	109.8	53.00	27.47	27.81	92.96	5.54	36.44
	21	38-6	1.00	115.6	41.00	31.23	15.06	92.64	8.26	38.10
	22	38-7	1.00	134.1	61.00	25.61	37.48	91.48	14.25	39.72
	23	38-8	1.00	127.2	45.00	29.81	19.74	91.94	10.66	41.35
	24	38-9	1.00	103.0	31.00	35.92	4.02	93.31	6.12	43.07
	25	38-10	1.00	119.6	47.00	29.17	21.66	92.41	8.74	44.72
	26	38-11	1.00	120.1	54.00	27.22	29.25	92.37	10.19	46.33
	27	38-12	1.00	117.8	51.00	28.01	25.92	92.51	9.62	48.07

103	47	16	1.00	104.8	33.00	34.82	61.84	93.79	19.33	172.09		
104	47	17	1.00	107.1	43.00	39.50	17.27	93.58	11.86	173.71		
105	47	18	1.00	115.0	51.00	28.01	26.06	93.18	43.00	175.37		
106	**	1	1.00	112.5	38.00	32.44	12.14	93.11	17.78	177.89		
107	**	2	1.00	111.4	56.00	26.73	31.30	93.36	15.88	178.74		
108	**	3	1.00	109.7	69.00	32.88	18.85	93.45	18.46	180.35		
109	**	4	1.00	115.5	38.00	35.31	5.68	93.15	23.85	182.81		
110	**	5	1.00	107.2	51.00	28.01	25.82	93.57	14.27	185.82		
111	**	6	1.00	108.7	67.00	38.88	10.96	93.49	28.39	185.27		
112	**	7	1.00	113.0	23.00	41.38	4.88	93.28	39.00	186.81		
113	**	8	1.00	107.7	47.00	28.37	23.78	93.55	19.48	188.56		
114	**	9	1.00	111.3	48.00	30.86	16.81	93.37	31.36	190.18		
115	**	10	1.00	110.4	38.00	38.44	12.00	93.41	14.75	191.84		
116	**	11	1.00	110.3	53.00	27.47	28.85	93.42	16.57	193.46		
Room	117	**	-12	28	1.00	132.4	62.00	25.40	38.61	92.15	34.07	195.12
G	118	**	-13	29	1.00	119.2	44.00	30.15	18.66	92.94	48.28	196.75
	119	**	-14	30	1.00	109.6	20.00	44.72	-7.28	93.46	15.02	198.39

mechanical Room Ceiling

ID:BLDG B

25 APR 2009 07:29

USER:20

COMMENT:MECHANICAL ROOM RESWIPE

PRESET TIME : 1.00

DATA CALC : SL DPM H# :YES SAMPLE REPEATS: 1 PRINTER : STD

COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF

TWO PHASE : NO ADC : NO CYCLE REPEATS : 1

SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0

LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

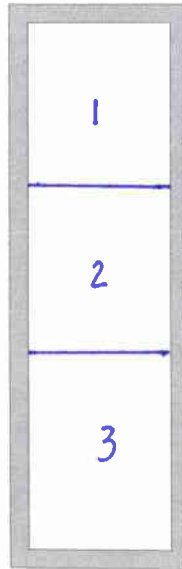
ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low: 0.010 High:325.27

SAM NO	POS	TIME MIN	H#	<u>14C</u>		14C	14C	LUMEX	ELAPSED TIME
				CPM	%ERROR	DPM	EFF-1	%	
B1	6-1	1.00	84.0	69.00	24.08	73.25	94.20	0.22	1.54
B2	6-2	1.00	85.7	21.00	43.64	22.31	94.12	0.42	3.14
Blank Average				DPM for	14C :	47.78		COEF. OF VAR:	75.384
1	6-4	1.00	120.5	48.00	28.87	4.19	92.35	8.84	4.77

1- #1 N. Wall



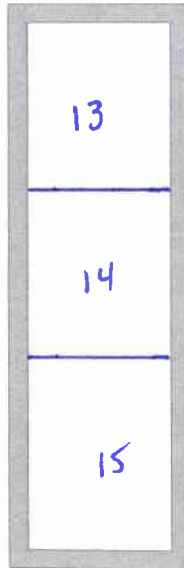
Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

4	7	10
5	8	11
6	9	12

Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

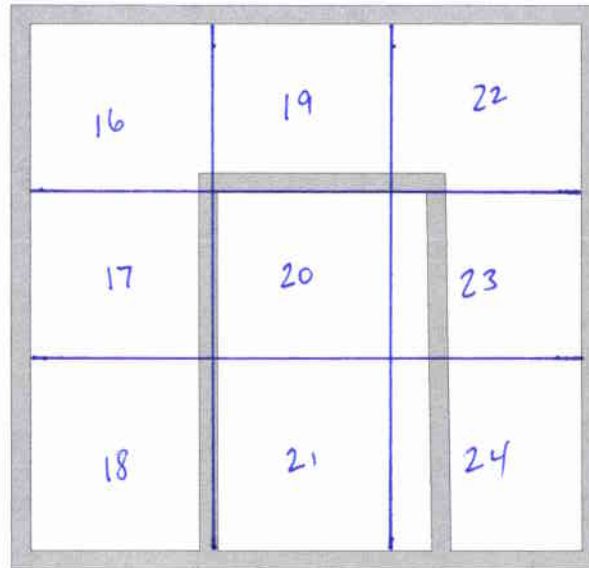
Survey Readings: <100 cpm



Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

Building B Mechanical Room West Wall



Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

N ↑



Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

N ↑



Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

ID: BLDG B

(Rm 508)

23 APR 2009 22:06

USER:18

COMMENT:BLDG. B RSO OFFICE,CABINETS

PRESET TIME :	1.00							
DATA CALC :	SL DPM	H#	: YES	SAMPLE REPEATS:	1	PRINTER	:	STD
COUNT BLANK :	YES	IC#	: NO	REPLICATES	:	1	RS232	: OFF
TWO PHASE :	NO	AQC	: NO	CYCLE REPEATS :	1			
SCINTILLATOR:	LIQUID	LUMEX:	NO	LOW SAMPLE REJ:	0			

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low:-0.313 High:326.03

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
B1	57-1	1.00	94.4	26.00	39.22	27.61	94.15	5.13	1.52
B2	57-2	1.00	94.6	28.00	37.80	29.74	94.14	5.84	3.23
Blank Average				DPM	for 14C :	28.68	COEF. OF VAR:	5.245	

Room F

R50 OFFICE

South Wall

West Wall

North Wall

East Wall

Floor

1	57-4	1	1.00	108.6	22.00	42.64	-5.15	93.50	13.24	4.88
2	57-5	2	1.00	113.2	46.00	29.49	20.64	93.27	13.70	6.49
3	57-6	3	1.00	114.8	39.00	32.03	13.17	93.18	14.00	8.14
4	57-7	4	1.00	108.3	35.00	33.81	8.75	93.52	11.52	9.75
5	57-8	5	1.00	111.6	47.00	29.17	21.67	93.35	8.22	11.38
6	57-9	6	1.00	115.7	32.00	35.36	5.68	93.14	12.17	13.00
7	57-10	7	1.00	109.4	15.00	51.64	-12.63	93.46	15.57	14.74
8	57-11	8	1.00	113.2	34.00	34.30	7.77	93.27	15.35	16.35
9	57-12	9A	1.00	122.0	34.00	34.30	7.96	92.79	17.62	18.00
10	57-13	10	1.00	119.4	33.00	34.82	6.83	92.94	10.37	19.62
11	57-14	11	1.00	120.5	38.00	32.44	12.24	92.87	18.06	21.25
12	57-15	12A	1.00	109.9	39.00	32.03	13.06	93.44	13.21	22.88
13	57-16	13	1.00	111.9	35.00	33.81	8.82	93.34	17.06	24.52
14	57-17	14	1.00	120.0	43.00	30.50	17.61	92.90	15.72	26.14
15	57-18	15A	1.00	116.8	30.00	36.51	3.55	93.08	14.33	27.79
16	14-1	16	1.00	114.5	24.00	40.82	-2.93	93.20	15.74	29.50
17	14-2	17	1.00	118.1	27.00	38.49	0.35	93.01	14.00	31.04
18	14-3	18	1.00	110.5	26.00	39.22	-0.84	93.41	12.20	32.66
19	14-4	19	1.00	115.2	30.00	36.51	3.52	93.17	17.35	34.19
20	14-5	20	1.00	119.4	28.00	37.80	1.45	92.93	14.69	35.82
21	14-6	21	1.00	117.9	49.00	28.57	24.00	93.02	23.37	37.46
22	14-7	22	1.00	113.9	34.00	34.30	7.79	93.23	15.84	39.19
23	14-8	23	1.00	114.5	22.00	42.64	-5.07	93.20	17.64	40.83
24	14-9	24A	1.00	102.9	20.00	44.72	-7.35	93.78	12.41	42.45
25	14-10	25	1.00	117.2	30.00	36.51	3.56	93.05	13.89	44.10
26	14-11	26	1.00	109.8	44.00	30.15	18.41	93.45	15.80	45.72
27	14-12	27A	1.00	105.8	32.00	35.36	5.49	93.64	13.18	47.35
28	14-13	28	1.00	110.5	46.00	29.49	20.57	93.41	34.23	48.87
29	14-14	29	1.00	108.0	45.00	29.81	19.43	93.54	14.49	50.52
30	14-15	30A	1.00	107.8	37.00	32.88	10.87	93.54	17.72	52.14
31	14-16	15B	1.00	112.3	30.00	36.51	3.47	93.32	17.63	53.79
32	14-17	15C	1.00	111.3	34.00	34.30	7.74	93.37	26.16	55.40
33	14-18	15D	1.00	104.3	34.00	34.30	7.60	93.71	10.36	56.92
34	10-1	12B	1.00	105.5	27.00	38.49	0.15	93.65	11.95	58.65
35	10-2	12C	1.00	109.2	39.00	32.03	13.04	93.47	19.50	60.29
36	10-3	12D	1.00	106.3	24.00	40.82	-3.04	93.62	20.30	61.92
37	10-4	9B	1.00	104.6	41.00	31.23	15.08	93.70	14.92	63.55
38	10-5	9C	1.00	105.4	36.00	33.33	9.76	93.66	14.80	65.19

39	10-6	9D	1.00	109.0	36.00	33.33	9.83	93.48	19.30	66.84
40	10-7		1.00	111.0	24.00	40.82	2.93	93.37	23.37	68.47
41	10-8		1.00	105.8	32.00	35.36	5.49	93.64	13.18	70.12
42	10-9		1.00	109.7	32.00	35.36	5.57	93.78	20.81	71.74
43	10-10		1.00	112.3	30.00	36.51	3.47	93.32	17.63	73.37

ID:BLDG B

23 APR 2009 08:13

USER:20

COMMENT:ROOM D 508 CEILING SWIPES

PRESET TIME : 1.00
 DATA CALC : SL DPM H# :YES SAMPLE REPEATS: 1 PRINTER : STD
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 TWO PHASE : NO AGC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

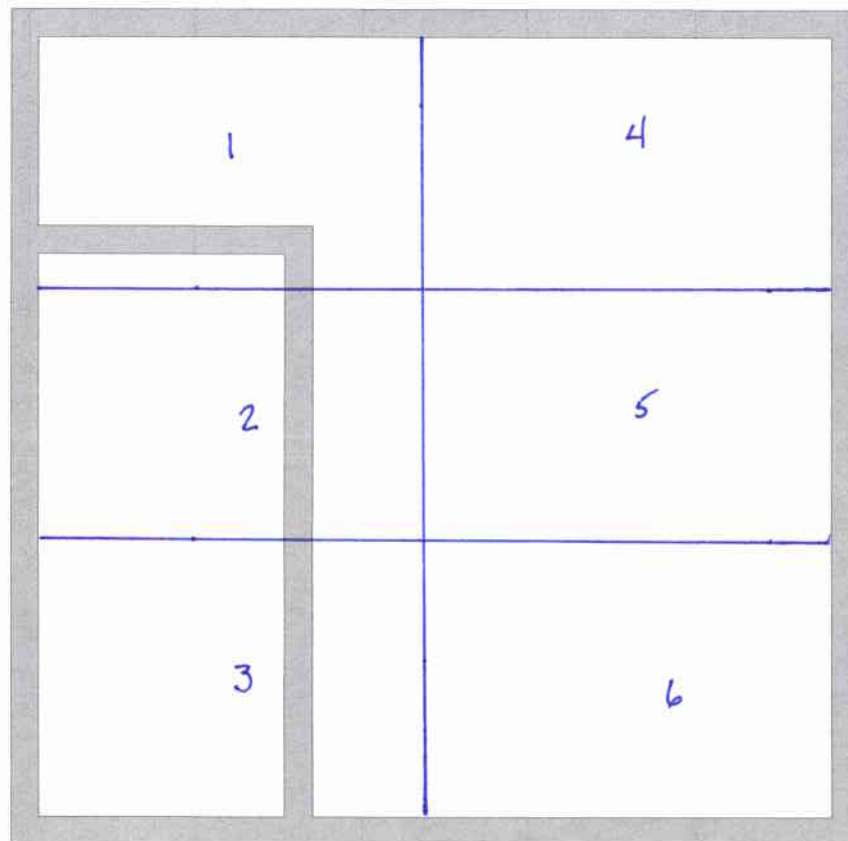
ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low: 0.010 High:325.27

SAM NO	POS	TIME MIN	H#	<u>14C</u>		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
B1	34-1	1.00	84.7	27.00	38.49	28.67	94.17	0.38	1.51
B2	34-2	1.00	84.8	25.00	40.00	26.55	94.16	0.30	3.14
Blank Average				DPM for	14C :	27.61	COEF. OF VAR:	5.434	
1	34-4 24A	1.00	113.2	47.00	29.17	23.05	92.77	6.08	4.76
2	34-5 24B	1.00	119.0	47.00	29.17	23.23	92.44	8.53	6.40
3	34-6 24C	1.00	113.5	43.00	30.50	18.75	92.76	6.49	7.99
4	34-7 27A	1.00	118.9	66.00	24.62	43.78	92.45	4.50	9.74
5	34-8 27B	1.00	112.6	38.00	32.44	13.34	92.80	6.33	11.34
6	34-9 27C	1.00	112.1	51.00	28.01	27.33	92.83	6.56	13.08
7	34-10 30A	1.00	118.1	54.00	27.22	30.77	92.49	6.27	14.70
8	34-11 30B	1.00	126.1	46.00	29.49	22.39	92.00	10.89	16.34
9	34-12 30C	1.00	124.4	42.00	30.86	17.98	92.11	10.94	18.06

BLDG B ROOM 508		23 Apr 2009			
Control	<200 dpm				
Control	<200 dpm				
Blank					
1	<200 dpm	27A	<200 dpm		
2	<200 dpm	27B	<200 dpm		
3	<200 dpm	27C	<200 dpm		
4	<200 dpm	30C	<200 dpm		
5	<200 dpm	30B	<200 dpm		
6	<200 dpm	30C	<200 dpm		
7	<200 dpm				
8	<200 dpm				
9A	<200 dpm				
10	<200 dpm				
11	<200 dpm				
12A	<200 dpm				
13	<200 dpm				
14	<200 dpm				
15A	<200 dpm				
16	<200 dpm				
17	<200 dpm				
18	<200 dpm				
19	<200 dpm				
20	<200 dpm				
21	<200 dpm				
22	<200 dpm				
23	<200 dpm				
24A	<200 dpm				
25	<200 dpm				
26	<200 dpm				
27A	<200 dpm				
28	<200 dpm				
29	<200 dpm				
30A	<200 dpm				
15B	<200 dpm				
15C	<200 dpm				
15D	<200 dpm				
12B	<200 dpm				
12D	<200 dpm				
9B	<200 dpm				
9C	<200 dpm				
24A	<200 dpm				
24B	<200 dpm				
24C	<200 dpm				



Room Survey Date: 20 April 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

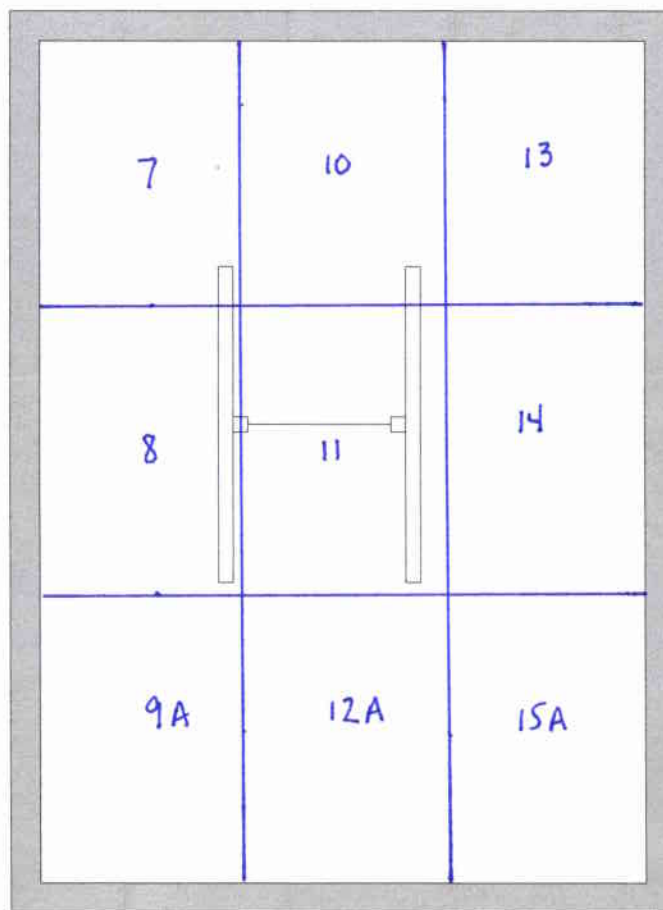
S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

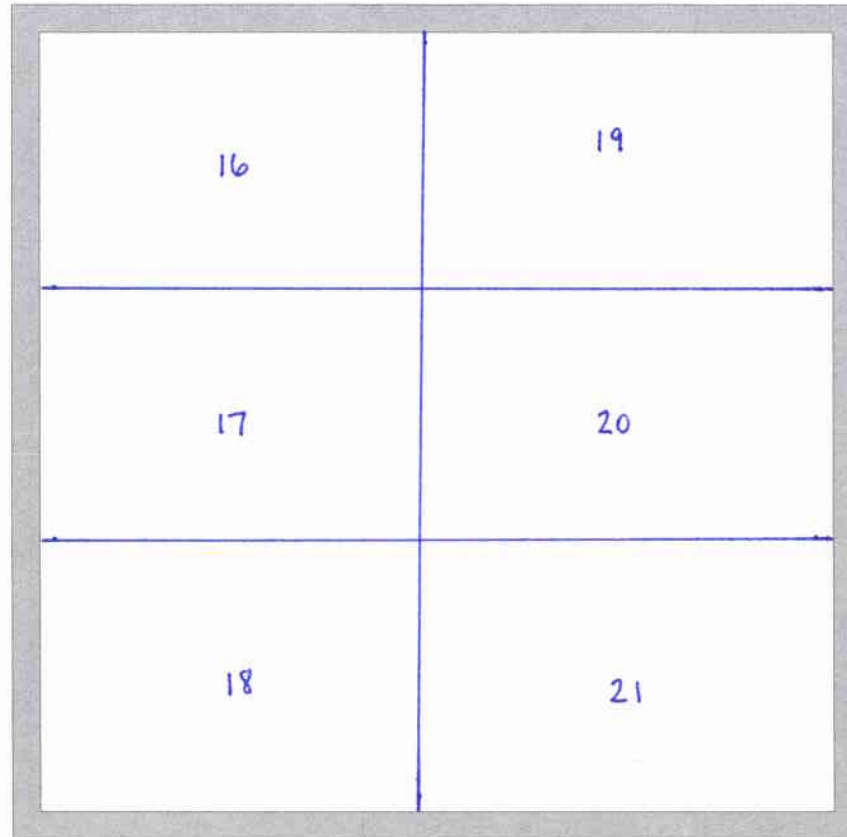
S/N: PR276541

Survey Readings: <100 cpm



Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm



Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

22	25	28
23	26	29
24A	27A	30 A

Room Survey Date: 20 April 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

S/N: PR276541

Survey Readings: <100 cpm



15B	15C	15D
12B	12C	12D
9B	9C	9D

Room Survey Date: 20 April 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

S/N: PR276541

Survey Readings: <100 cpm



24C	24B	24A
27C	27B	27A
30C	30A	30A

Room Survey Date: 20 April 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

S/N: 258504

Cal Date: 04 March 2009

Ludlum Probe Model 44-9

S/N: PR276541

Survey Readings: <100 cpm

ID: BLDG B

Room A

21 APR 2009 06:25

USER: 18

COMMENT: SAMPLES

PRESET TIME : 1.00

TA CALC : SL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : STD
 JNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 TWO PHASE : NO AGC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low:-0.313 High:326.03

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
B1	** -1	1.00	86.5	33.00	34.82	34.93	94.47	0.55	1.52
B2	** -2	1.00	89.6	25.00	40.00	26.50	94.35	0.72	3.11
Blank Average				DFM	for	14C :	30.71	COEF. OF	VAR: 19.414

East Wall

South Wall

1	** -4	1.00	105.1	31.00	35.92	2.38	93.67	8.19	4.75
2	** -5	1.00	104.8	23.00	41.70	-6.16	93.69	7.91	6.36
3	** -6	1.00	106.1	20.00	44.72	-9.35	93.63	10.58	7.98
4	** -7	1.00	105.5	19.00	45.88	-10.43	93.66	12.17	9.58
5	** -8	1.00	107.9	35.00	33.81	6.70	93.54	10.08	11.21
6	** -9	1.00	105.3	25.00	40.00	-4.02	93.66	13.65	12.84
7	** -10	1.00	102.8	24.00	40.82	-5.12	93.78	8.94	14.35
8	** -11	1.00	107.9	19.00	45.88	-10.40	93.54	16.20	15.96
9	** -12	1.00	107.4	27.00	38.49	-1.86	93.56	13.23	17.61
10	** -13	1.00	102.6	22.00	42.64	-7.26	93.79	10.65	19.12
11	** -14	1.00	107.4	19.00	45.88	-10.41	93.57	12.47	20.77
12	** -15	1.00	104.9	28.00	37.80	-0.83	93.68	10.28	22.38
13	** -16	1.00	107.4	30.00	36.51	1.35	93.57	6.07	24.02
14	** -17	1.00	103.1	23.00	41.70	-6.19	93.77	8.15	25.63
15	** -18	1.00	109.9	22.00	42.64	-7.17	93.44	12.83	27.28
16	47-1	1.00	106.5	22.00	42.64	-7.21	93.61	17.71	29.01
17	47-2	1.00	105.6	23.00	41.70	-6.15	93.65	10.34	30.65
18	47-3	1.00	107.4	24.00	40.82	-5.06	93.56	16.99	32.27
19	47-4	1.00	107.1	30.00	36.51	1.35	93.58	24.84	33.92
20	47-5	1.00	108.2	43.00	30.50	15.26	93.52	7.11	35.53
21	47-6	1.00	105.6	23.00	41.70	-6.15	93.65	14.91	37.18
22	47-7	1.00	104.3	28.00	37.80	-0.83	93.71	14.28	38.80
23	47-8	1.00	105.0	27.00	38.49	-1.89	93.68	11.97	40.43
24	47-9	1.00	105.7	21.00	43.64	-8.29	93.64	11.25	41.94
25	47-10	1.00	104.0	23.00	41.70	-6.17	93.73	10.48	43.58
26	47-11	1.00	104.3	26.00	39.22	-2.97	93.71	7.58	45.09
27	47-12	1.00	115.8	28.00	37.80	-0.65	93.13	15.75	46.73
28	47-13	1.00	103.4	36.00	33.33	7.68	93.75	6.75	48.24
29	47-14	1.00	104.1	33.00	34.82	4.50	93.72	10.16	49.88
30	47-15	1.00	106.1	23.00	41.70	-6.15	93.63	14.27	51.50
31	47-16	1.00	110.2	28.00	37.80	-0.74	93.42	15.12	53.15
32	47-17	1.00	103.1	19.00	45.88	-10.45	93.77	13.17	54.66
33	47-18	1.00	104.4	30.00	36.51	1.30	93.70	7.74	56.30
34	** -1	1.00	109.5	22.00	42.64	-7.17	93.46	23.16	58.02
35	** -2	1.00	106.5	27.00	38.49	-1.87	93.61	11.00	59.65
36	** -3	1.00	105.8	24.00	40.82	-5.08	93.64	8.05	61.27
37	** -4	1.00	106.1	30.00	36.51	1.33	93.63	21.06	62.92
38	** -5	1.00	103.3	32.00	35.36	3.42	93.76	8.25	64.44

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
39	** -6	1.00	108.7	26.00	39.22	-2.91	93.50	15.48	66.08
40	** -7	1.00	103.5	29.00	37.14	0.22	93.75	9.05	67.69
41	** -8	1.00	105.8	20.00	44.72	-9.36	93.64	17.24	69.33
42	** -9	1.00	107.2	19.00	45.88	-10.41	93.58	14.20	70.94
43	** -10	1.00	104.5	28.00	37.80	-0.83	93.70	14.02	72.58
44	** -11	1.00	104.8	31.00	35.92	2.37	93.69	10.25	74.20
45	** -12	1.00	107.4	19.00	45.88	-10.41	93.56	17.94	75.85
46	** -13	1.00	104.8	28.00	37.80	-0.83	93.69	17.09	77.47
47	** -14	1.00	105.6	30.00	36.51	1.32	93.65	12.31	79.12
48	** -15	1.00	106.0	25.00	40.00	-4.01	93.63	9.08	80.73
49	** -16	1.00	103.6	30.00	36.51	1.29	93.74	12.22	82.36
50	** -17	1.00	102.8	18.00	47.14	-11.52	93.78	15.89	83.98
51	** -18	1.00	108.0	34.00	34.30	5.64	93.53	8.50	85.61
52	4-1	1.00	104.4	25.00	40.00	-4.03	93.70	11.51	87.33
53	4-2	1.00	104.5	32.00	35.36	3.44	93.70	7.90	88.97
54	4-3	1.00	109.3	54.00	27.22	27.06	93.47	5.84	90.58
55	4-4	1.00	104.6	22.00	42.64	-7.23	93.70	11.24	92.23
56	4-5	1.00	106.7	27.00	38.49	-1.87	93.60	11.25	93.85
57	4-6	1.00	107.7	30.00	36.51	1.35	93.55	12.81	95.48
58	4-7	1.00	105.4	23.00	41.70	-6.16	93.66	15.29	97.10
59	4-8	1.00	106.4	27.00	38.49	-1.87	93.61	20.50	98.76
60	4-9	1.00	117.6	33.00	34.82	4.76	93.03	19.27	100.26
61	4-10	1.00	105.6	31.00	35.92	2.39	93.65	11.43	101.90
62	4-11	1.00	106.7	17.00	48.51	-12.55	93.60	12.50	103.52
63	4-12	1.00	111.1	27.00	38.49	-1.80	93.38	15.42	105.17
64	4-13	1.00	104.7	23.00	41.70	-6.16	93.69	10.70	106.78
65	4-14	1.00	105.2	23.00	41.70	-6.16	93.67	11.98	108.41
66	4-15	1.00	112.0	34.00	34.30	5.72	93.33	10.37	110.03
67	4-16	1.00	104.8	21.00	43.64	-8.30	93.69	12.01	111.68
68	4-17	1.00	103.8	26.00	39.22	-2.98	93.73	11.31	113.19
69	4-18	1.00	113.6	38.00	32.44	10.04	93.25	16.89	114.73
70	4-1	1.00	103.8	19.00	45.88	-10.44	93.74	17.86	116.45
71	4-2	1.00	106.2	27.00	38.49	-1.87	93.62	13.15	118.08
72	4-3	1.00	113.5	34.00	34.30	5.74	93.26	12.39	119.70
73	4-4	1.00	102.8	15.00	51.64	-14.72	93.78	14.67	121.35
74	4-5	1.00	106.7	18.00	47.14	-11.48	93.60	23.07	122.97
75	4-6	1.00	108.4	20.00	44.72	-9.33	93.51	18.86	124.60
76	4-7	1.00	103.4	21.00	43.64	-8.31	93.75	9.43	126.21
77	4-8	1.00	104.7	28.00	37.80	-0.83	93.69	12.12	127.87
78	4-9	1.00	110.6	17.00	48.51	-12.51	93.40	17.33	129.48
79	4-10	1.00	104.4	33.00	34.82	4.50	93.71	12.83	131.13
80	4-11	1.00	110.3	30.00	36.51	1.40	93.42	10.17	132.75
81	4-12	1.00	112.1	26.00	39.22	-2.86	93.33	15.86	134.38
82	4-13	1.00	104.9	23.00	41.70	-6.16	93.68	15.20	136.00
83	4-14	1.00	106.8	20.00	44.72	-9.34	93.59	9.37	137.65
84	4-15	1.00	108.4	29.00	37.14	0.30	93.51	10.13	139.27
85	4-16	1.00	106.1	37.00	32.88	8.81	93.63	7.61	140.90
86	4-17	1.00	107.6	18.00	47.14	-11.47	93.55	15.03	142.52
87	4-18	1.00	116.2	22.00	42.64	-7.09	93.11	23.25	144.17
88	31-1	1.00	107.5	25.00	40.00	-3.99	93.56	12.75	145.88
89	31-2	1.00	107.3	38.00	32.44	9.90	93.57	11.74	147.54
90	31-3	1.00	108.2	21.00	43.64	-8.26	93.52	16.11	149.15
91	31-4	1.00	108.3	28.00	37.80	-0.77	93.52	17.48	150.80
92	31-5	1.00	106.5	17.00	48.51	-12.55	93.61	17.44	152.42
93	31-6	1.00	109.4	28.00	37.80	-0.76	93.46	11.53	154.07
94	31-7	1.00	107.0	18.00	47.14	-11.48	93.58	13.51	155.68
95	31-8	1.00	107.4	23.00	41.70	-6.13	93.56	13.00	157.33
96	31-9	1.00	104.9	26.00	39.22	-2.96	93.68	6.92	158.94

South Wall

West Wall

North Wall

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME	
				CPM	%ERROR					
97	31-10	95	1.00	105.1	37.00	32.88	8.78	93.68	11.39	160.60
98	31-11	96	1.00	103.0	26.00	39.22	-2.99	93.77	7.85	162.21
99	31-12	97	1.00	108.6	22.00	42.64	-7.19	93.50	10.74	163.85
100	31-13	98	1.00	105.9	32.00	35.36	3.46	93.63	10.25	165.47
101	31-14	99	1.00	108.9	17.00	48.51	-12.53	93.49	19.26	167.10
102	31-15	100	1.00	106.8	33.00	34.82	4.55	93.59	7.73	168.71
103	31-16	101	1.00	109.8	23.00	41.70	-6.10	93.44	12.18	170.37
104	31-17	102	1.00	104.7	25.00	40.00	-4.03	93.69	8.54	171.98
105	31-18	103	1.00	103.7	16.00	50.00	-13.65	93.74	9.57	173.62
106	21-1	104	1.00	107.7	30.00	36.51	1.35	93.55	11.21	175.33
107	21-2	105	1.00	109.0	18.00	47.14	-11.46	93.48	10.24	176.87
108	21-3	106	1.00	109.4	28.00	37.80	-0.76	93.46	9.04	178.48
109	21-4	107	1.00	110.3	23.00	41.70	-6.09	93.42	19.76	180.02
110	21-5	108	1.00	107.1	28.00	37.80	-0.79	93.58	10.06	181.63
111	21-6	109	1.00	109.6	33.00	34.82	4.60	93.46	10.22	183.29
112	21-7	110	1.00	107.8	29.00	37.14	0.29	93.54	9.22	184.90
113	21-8	111	1.00	107.5	29.00	37.14	0.28	93.56	9.98	186.53
114	21-9	112	1.00	110.6	33.00	34.82	4.62	93.40	18.26	188.16
115	21-10	113	1.00	108.4	29.00	37.14	0.30	93.52	7.66	189.80
116	21-11	114	1.00	105.3	26.00	39.22	-2.95	93.66	9.17	191.42
117	21-12	115	1.00	106.4	32.00	35.36	3.47	93.61	8.53	193.06
118	21-13	116	1.00	112.1	31.00	35.92	2.50	93.33	21.35	194.67
119	21-14	117	1.00	109.0	32.00	35.36	3.52	93.48	9.76	196.31
120	21-15	118	1.00	110.4	25.00	40.00	-3.95	93.41	17.68	197.93
121	21-16	119	1.00	108.4	26.00	39.22	-2.91	93.51	14.01	199.57
122	21-17	120	1.00	108.8	24.00	40.82	-5.04	93.49	10.01	201.18
123	21-18	121	1.00	107.5	20.00	44.72	-9.34	93.56	19.73	202.83
124	**	122	1.00	109.1	28.00	37.80	-0.76	93.48	12.57	204.55
125	**	123	1.00	107.9	33.00	34.82	4.57	93.54	9.29	206.19
126	**	124	1.00	106.9	26.00	39.22	-2.93	93.59	9.78	207.80
127	**	125	1.00	108.9	26.00	39.22	-2.90	93.49	25.12	209.46
128	**	126	1.00	107.7	31.00	35.92	2.42	93.55	11.27	211.07
129	**	127	1.00	106.7	29.00	37.14	0.27	93.60	11.27	212.71
130	**	128	1.00	107.2	25.00	40.00	-4.00	93.58	13.63	214.33
131	**	129	1.00	109.9	25.00	40.00	-3.96	93.44	10.93	215.97
132	**	130	1.00	107.7	32.00	35.36	3.49	93.55	9.88	217.58
133	**	131	1.00	104.6	28.00	37.80	-0.83	93.70	8.37	219.23
134	**	132	1.00	107.2	30.00	36.51	1.35	93.57	12.13	220.86
135	**	133	1.00	109.8	28.00	37.80	-0.75	93.44	8.46	222.50
136	**	134	1.00	116.1	30.00	36.51	1.50	93.12	19.43	224.12
137	**	135	1.00	106.3	26.00	39.22	-2.94	93.62	9.31	225.75
138	**	136	1.00	110.4	31.00	35.92	2.47	93.41	10.71	227.37
139	**	137	1.00	109.0	29.00	37.14	0.31	93.48	13.74	229.02
140	**	138	1.00	110.1	22.00	42.64	-7.17	93.43	19.06	230.64
141	**	139	1.00	109.9	30.00	36.51	1.39	93.44	16.63	232.29

Floor

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
155	10-14	1.00	115.0	25.00	40.00	-3.88	93.18	11.06	255.11
156	10-15	1.00	110.8	31.00	35.92	2.48	93.39	14.03	256.74
157	10-16	1.00	113.3	20.00	44.72	-9.27	93.26	18.53	258.37
158	10-17	1.00	106.9	38.00	32.44	9.89	93.59	9.47	259.89
159	10-18	1.00	111.8	20.00	44.72	-9.29	93.35	19.33	261.53

Room 509

ID: BLDG B

Room A

22 APR 2009 04:50

USER:18

COMMENT: SAMPLES 142-166

PRESET TIME : 1.00

DATA CALC : SL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : STD
 JNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 O PHASE : NO AGC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low:-0.313 High:326.03

SAM NO	POS	TIME MIN	H#	<u>14C</u>		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CFM	%ERROR				
B1	10-1	1.00	87.1	29.00	37.14	30.70	94.45	0.59	1.66
B2	10-2	1.00	90.1	24.00	40.82	25.44	94.33	0.73	3.25
Blank Average				DPM	for 14C :	28.07	COEF. OF VAR:	13.254	

142	1	10-4	140	1.00	113.8	36.00	33.33	10.54	93.24	8.95	4.90
143	2	10-5	141	1.00	113.2	40.00	31.62	14.81	93.27	11.94	6.50
144	3	10-6	142	1.00	113.6	30.00	36.51	4.10	93.25	17.86	8.16
145	4	10-7	143	1.00	112.0	35.00	33.81	9.43	93.33	13.15	9.77
146	5	10-8	144	1.00	111.6	40.00	31.62	14.78	93.35	10.43	11.40
147	6	10-9	145	1.00	111.3	26.00	39.22	-0.23	93.37	10.07	13.02
148	7	10-10	146	1.00	110.7	21.00	43.64	-5.59	93.40	13.78	14.65
149	8	10-11	147	1.00	111.6	29.00	37.14	2.99	93.35	14.64	16.27
150	9	10-12	148	1.00	112.3	29.00	37.14	3.00	93.32	17.58	17.91
151	10	10-13	149	1.00	111.5	39.00	32.03	13.70	93.36	9.43	19.53
152	11	10-14	150	1.00	115.1	40.00	31.62	14.86	93.17	8.99	21.16
153	12	10-15	151	1.00	115.8	36.00	33.33	10.58	93.13	12.56	22.76
154	13	10-16	152	1.00	111.9	28.00	37.80	1.92	93.34	9.12	24.41
155	14	10-17	153	1.00	117.8	27.00	38.49	0.95	93.02	10.75	26.03
156	15	10-18	154	1.00	116.1	36.00	33.33	10.59	93.12	9.88	27.68
157	16	38-1	155	1.00	114.2	32.00	35.36	6.25	93.22	14.47	29.41
158	17	38-2	156	1.00	107.3	22.00	42.64	-4.56	93.57	15.83	31.04
159	18	38-3	157	1.00	114.0	28.00	37.80	1.96	93.23	14.59	32.65
160	19	38-4	158	1.00	111.8	29.00	37.14	2.99	93.34	10.04	34.28
161	20	38-5	159	1.00	113.1	22.00	42.64	-4.49	93.28	13.50	35.90
162	21	38-6	160	1.00	111.4	33.00	34.82	7.27	93.36	9.96	37.55
163	22	38-7	161	1.00	115.1	31.00	35.92	5.20	93.17	7.12	39.05
164	23	38-8	162	1.00	94.4	23.00	41.70	-3.65	94.15	0.43	40.69
165	24	38-9	163	1.00	94.0	19.00	45.88	-7.90	94.17	0.49	42.29
166	25	38-10	164	1.00	111.9	27.00	38.49	0.85	93.34	10.15	43.82

Floor

Room 509

ID:BLDG B

22 APR 2009 14:45

USER:20

COMMENT:ROOM A CEILING SWIPES

PRESET TIME : 1.00
 DATA CALC : SL DPM H# :YES SAMPLE REPEATS: 1 PRINTER : STD
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 TWO PHASE : NO AQC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low: 0.010 High:325.27

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
B1	14-1	1.00	84.3	24.00	40.82	25.48	94.18	0.86	1.64
B2	14-2	1.00	84.1	27.00	38.49	28.66	94.19	0.71	3.34
Blank Average				DPM for	14C :	27.07	COEF. OF VAR:	8.311	

165	1	14-4	1.00	83.6	25.00	40.00	-0.54	94.21	0.32	4.97
166	2	14-5	1.00	83.7	22.00	42.64	-3.72	94.21	0.28	6.66
167	3	14-6	1.00	113.4	312.00	11.32	309.27	92.76	0.73	8.29
168	4	14-7	1.00	111.3	100.00	20.00	80.60	92.88	2.64	9.90
169	5	14-8	1.00	108.1	111.00	18.98	92.22	93.05	1.88	11.63
170	6	14-9	1.00	110.4	60.00	25.82	37.49	92.93	3.00	13.25
171	7	14-10	1.00	110.7	75.00	23.09	53.65	92.91	3.54	14.99
172	8	14-11	1.00	105.0	80.00	22.36	58.75	93.21	2.04	16.70
173	9	14-12	1.00	106.6	70.00	23.90	48.09	93.13	2.49	18.32
174	10	14-13	1.00	106.3	117.00	18.49	98.54	93.14	1.21	20.05
175	11	14-14	1.00	106.0	72.00	23.57	50.21	93.16	2.99	21.78
176	12	14-15	1.00	99.3	38.00	32.44	13.57	93.49	4.39	23.40
177	13	14-16	1.00	101.8	53.00	27.47	29.69	93.37	2.83	25.15
178	14	14-17	1.00	109.3	54.00	27.22	31.00	92.98	3.28	26.86
179	15	14-18	1.00	106.5	43.00	30.50	19.10	93.13	4.37	28.60
180	16	14-1	1.00	111.7	78.00	22.65	56.93	92.85	2.91	30.31
181	17	14-2	1.00	107.2	62.00	25.40	39.52	93.10	3.26	31.94
182	18	14-3	1.00	107.9	64.00	25.00	41.70	93.06	4.28	33.56
183	19	14-4	1.00	110.4	70.00	23.90	48.26	92.93	3.33	35.20
184	20	14-5	1.00	110.9	72.00	23.57	50.43	92.90	1.70	36.81
185	21	14-6	1.00	106.8	63.00	25.20	40.58	93.12	2.82	38.45
186	22	14-7	1.00	111.1	54.00	27.22	31.06	92.89	3.30	40.06
187	23	14-8	1.00	137.3	59.00	26.04	37.59	91.25	1.70	41.71
188	24	14-9	1.00	113.5	159.00	15.86	144.34	92.76	0.94	43.41
189	25	14-10	1.00	111.0	142.00	16.78	125.79	92.90	2.19	45.06
190	26	14-11	1.00	113.7	64.00	25.00	41.93	92.74	3.46	46.68
191	27	14-12	1.00	114.1	584.00	8.28	602.77	92.72	0.33	48.41
192	28	14-13	1.00	106.9	110.00	19.07	91.07	93.11	2.02	50.01
193	29	14-14	1.00	107.4	146.00	16.55	129.77	93.09	1.86	51.67
194	30	14-15	1.00	107.0	88.00	21.32	67.44	93.11	2.27	53.28
195	31	14-16	1.00	101.3	65.00	24.81	42.52	93.40	4.20	55.02
196	32	14-17	1.00	106.3	81.00	22.22	59.89	93.15	2.40	56.73
197	33	14-18	1.00	111.7	131.00	17.47	114.01	92.85	2.43	58.36

Room 509

23 APR 2009 07:04

ID:BLDG B

USER:20

COMMENT:ROOM A CEILING

PRESET TIME : 1.00
 DATA CALC : SL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : STD
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 TWO PHASE : NO ACC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

Quench Limits Low: 0.010 High:325.27

SAM NO	POS	TIME MIN	H#	14C		14C DPM	14C EFF-1	LUMEX %	ELAPSED TIME
				CPM	%ERROR				
B1	34-1	1.00	83.9	26.00	39.22	27.60	94.20	0.28	1.62
B2	34-2	1.00	84.7	20.00	44.72	21.24	94.16	0.30	3.22
Blank Average				DPM for	14C :	24.42 COEF. OF VAR:		18.420	

198	1	34-4	1.00	117.0	71.00	23.74	52.29	92.56	6.25	4.87
199	2	34-5	1.00	122.3	49.00	28.57	28.70	92.24	7.28	6.57
200	3	34-6	1.00	120.5	62.00	25.40	42.71	92.35	5.46	8.30
201	4	34-7	1.00	125.3	47.00	29.17	26.64	92.06	8.20	9.91
202	5	34-8	1.00	113.6	44.00	30.15	23.02	92.75	5.80	11.54
203	6	34-9	1.00	130.8	43.00	30.50	22.47	91.70	13.85	13.26
	7	34-10	1.00	124.2	57.00	26.49	37.45	92.13	6.76	15.00
	8	34-11	1.00	121.8	43.00	30.50	22.18	92.27	8.81	16.62
206	9	34-12	1.00	122.7	46.00	29.49	25.46	92.22	7.48	18.25
207	10	34-13	1.00	104.0	38.00	32.44	16.32	93.26	3.10	19.96
208	11	34-14	1.00	125.3	44.00	30.15	23.38	92.06	7.47	21.61
209	12	34-15	1.00	134.6	44.00	30.15	23.70	91.44	9.20	23.24
210	13	34-16	1.00	114.0	55.00	26.97	34.89	92.73	2.97	24.86
211	14	34-17	1.00	121.7	60.00	25.82	40.60	92.28	7.48	26.48
212	15	34-18	1.00	110.4	51.00	28.01	30.46	92.93	3.19	28.13
213	16	50-1	1.00	119.1	53.00	27.47	32.92	92.43	5.24	29.85
214	17	50-2	1.00	124.7	45.00	29.81	24.44	92.10	8.01	31.48
215	18	50-3	1.00	124.0	52.00	27.74	32.02	92.13	5.45	33.20
216	19	50-4	1.00	122.8	51.00	28.01	30.89	92.21	6.30	34.85
217	20	50-5	1.00	111.4	51.00	28.01	30.49	92.87	3.96	36.47
218	21	50-6	1.00	113.6	53.00	27.47	32.72	92.75	4.50	38.09
219	22	50-7	1.00	119.3	37.00	32.88	15.61	92.42	9.44	39.72
220	23	50-8	1.00	113.5	42.00	30.86	20.86	92.75	5.56	41.36
221	24	50-9	1.00	115.7	38.00	32.44	16.60	92.63	7.73	42.96
222	25	50-10	1.00	109.8	42.00	30.86	20.76	92.96	8.40	44.59
223	26	50-11	1.00	113.9	46.00	29.49	25.19	92.73	5.44	46.33
224	27	50-12	1.00	118.2	64.00	25.00	44.78	92.49	4.40	47.96
225	28	50-13	1.00	117.6	58.00	26.26	38.27	92.52	5.33	49.58
226	29	50-14	1.00	113.9	29.00	37.14	6.85	92.73	7.85	51.23
227	30	50-15	1.00	113.6	41.00	31.23	19.78	92.75	5.83	52.83
228	31	50-16	1.00	114.9	35.00	33.81	13.35	92.67	6.77	54.46
229	32	50-17	1.00	113.8	45.00	29.81	24.10	92.74	5.84	56.18
230	33	50-18	1.00	119.8	47.00	29.17	26.45	92.40	11.48	57.82
231	34	51-1	1.00	113.4	44.00	30.15	23.01	92.76	7.17	59.53
232	35	51-2	1.00	110.3	47.00	29.17	26.16	92.93	4.05	61.17
233	36	51-3	1.00	113.5	59.00	26.04	39.19	92.75	4.82	62.78
234	37	51-4	1.00	109.2	43.00	30.50	21.82	92.99	6.61	64.43
91A	38	51-5	1.00	114.5	62.00	25.40	42.46	92.70	4.39	66.05

Room A (509)

SAM NO	POS	TIME MIN	H#	14C		14C	14C	LUMEX %	ELAPSED TIME
				CPM	%ERROR	DPM	EFF-1		
0139	51-6	1.00	119.5	61.00	25.61	41.59	92.41	6.03	67.70

ID:BLDG B

25 APR 2009 07:04

USER:20

COMMENT:ROOM 509 RESWIPES

PRESET TIME : 1.00
 DATA CALC : SL DPM H# :YES SAMPLE REPEATS: 1 PRINTER : STD
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : OFF
 TWO PHASE : NO AGC : NO CYCLE REPEATS : 1
 SCINTILLATOR: LIQUID LUMEX: NO LOW SAMPLE REJ: 0
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 14C %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: On

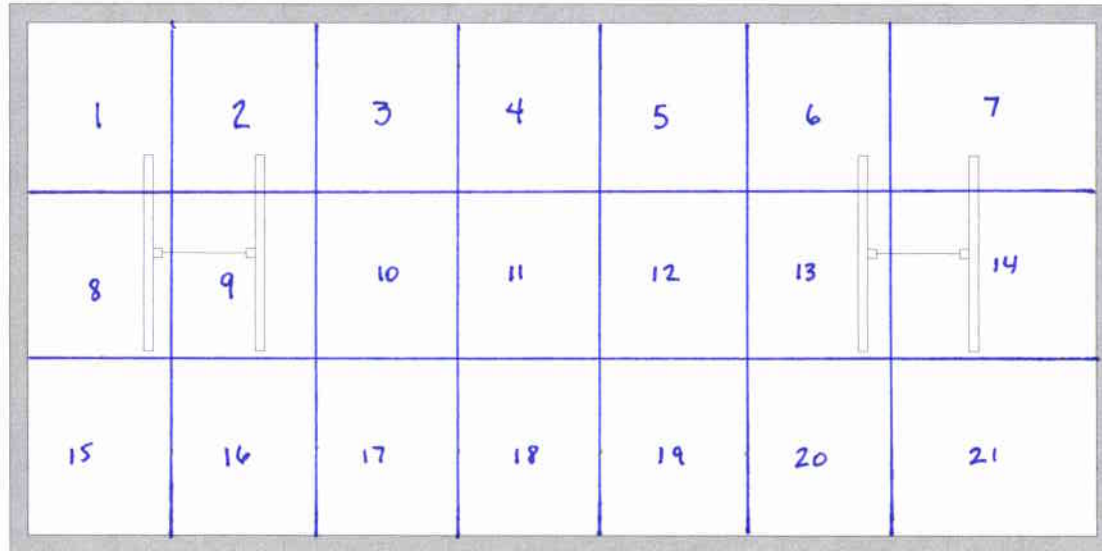
Quench Limits Low: 0.010 High:325.27

SAM NO	POS	TIME MIN	H#	<u>14C</u>		14C	14C	LUMEX	ELAPSED TIME
				CPM	%ERROR	DPM	EFF-1	%	
B1	6-1	1.00	83.8	64.00	25.00	67.94	94.20	0.23	1.54
B2	6-2	1.00	85.2	28.00	37.80	29.74	94.14	0.34	3.14
Blank Average				DPM for	14C :	48.84	COEF. OF VAR:		55.302
1	6-4	1.00	122.2	57.00	26.49	12.95	92.25	10.31	4.77
2	6-5	1.00	121.5	47.00	29.17	2.09	92.29	8.59	6.39

1- #191 ceiling
 2- #167 Ceiling

BLDG B ROOM 505		CEILING 23 Apr 2009					
Control	<200 dpm						
Control	<200 dpm						
Blank							
1	<200 dpm	44	<200 dpm	87	<200 dpm	138	<200 dpm
2	<200 dpm	45	<200 dpm	88	<200 dpm	139	<200 dpm
3	<200 dpm	46	<200 dpm	89	<200 dpm	140	<200 dpm
4	<200 dpm	47	<200 dpm	90	<200 dpm	141	<200 dpm
5	<200 dpm	48	<200 dpm	91	<200 dpm	142	<200 dpm
6	<200 dpm	49	<200 dpm	91A	<200 dpm	143	<200 dpm
7	<200 dpm	50	<200 dpm	91B	<200 dpm	144	<200 dpm
8	<200 dpm	51	<200 dpm	92	<200 dpm	145	<200 dpm
9	<200 dpm	52	<200 dpm	93	<200 dpm	146	<200 dpm
10	<200 dpm	53	<200 dpm	94	<200 dpm	147	<200 dpm
11	<200 dpm	54	<200 dpm	95	<200 dpm	148	<200 dpm
12	<200 dpm	55	<200 dpm	96	<200 dpm	149	<200 dpm
13	<200 dpm	56	<200 dpm	97	<200 dpm	150	<200 dpm
14	<200 dpm	57	<200 dpm	98	<200 dpm	151	<200 dpm
15	<200 dpm	58	<200 dpm	99	<200 dpm	152	<200 dpm
16	<200 dpm	59	<200 dpm	100	<200 dpm	153	<200 dpm
17	<200 dpm	60	<200 dpm	101	<200 dpm	154	<200 dpm
18	<200 dpm	61	<200 dpm	102	<200 dpm	155	<200 dpm
19	<200 dpm	62	<200 dpm	103	<200 dpm	156	<200 dpm
20	<200 dpm	63	<200 dpm	104	<200 dpm	157	<200 dpm
21	<200 dpm	64	<200 dpm	105	<200 dpm	158	<200 dpm
22	<200 dpm	65	<200 dpm	149	<200 dpm	159	<200 dpm
23	<200 dpm	66	<200 dpm	150	<200 dpm	160	<200 dpm
24	<200 dpm	67	<200 dpm	151	<200 dpm	161	<200 dpm
25	<200 dpm	68	<200 dpm	152	<200 dpm	162	<200 dpm
26	<200 dpm	69	<200 dpm	153	<200 dpm	163	<200 dpm
27	<200 dpm	70	<200 dpm	154	<200 dpm	164	<200 dpm
28	<200 dpm	71	<200 dpm	155	<200 dpm	165	<200 dpm
29	<200 dpm	72	<200 dpm	149	<200 dpm	166	<200 dpm
30	<200 dpm	73	<200 dpm	150	<200 dpm	167	<200 dpm
31	<200 dpm	74	<200 dpm	151	<200 dpm	168	<200 dpm
32	<200 dpm	75	<200 dpm	152	<200 dpm	169	309 dpm
33	<200 dpm	76	<200 dpm	153	<200 dpm	170	<200 dpm
34	<200 dpm	77	<200 dpm	154	<200 dpm	171	<200 dpm
35	<200 dpm	78	<200 dpm	155	<200 dpm	172	<200 dpm
36	<200 dpm	79	<200 dpm	149	<200 dpm	173	<200 dpm
37	<200 dpm	80	<200 dpm	150	<200 dpm	174	<200 dpm
38	<200 dpm	81	<200 dpm	132	<200 dpm	175	<200 dpm
39	<200 dpm	82	<200 dpm	133	<200 dpm	176	<200 dpm
40	<200 dpm	83	<200 dpm	134	<200 dpm	177	<200 dpm
41	<200 dpm	84	<200 dpm	135	<200 dpm	178	<200 dpm
42	<200 dpm	85	<200 dpm	136	<200 dpm	179	<200 dpm
43	<200 dpm	86	<200 dpm	137	<200 dpm	180	<200 dpm

181	<200 dpm	208	<200 dpm		
182	<200 dpm	209	<200 dpm		
183	<200 dpm	210	<200 dpm		
184	<200 dpm	211	<200 dpm		
185	<200 dpm	212	<200 dpm		
186	<200 dpm	213	603 dpm		
187	<200 dpm	214	<200 dpm		
188	<200 dpm	215	<200 dpm		
189	<200 dpm	216	<200 dpm		
190	<200 dpm	217	<200 dpm		
191	<200 dpm	218	<200 dpm		
192	<200 dpm	219	<200 dpm		
193	603 dpm	220	<200 dpm		
194	<200 dpm	221	<200 dpm		
195	<200 dpm	222	<200 dpm		
196	<200 dpm	223	<200 dpm		
197	<200 dpm	224	<200 dpm		
198	<200 dpm	225	<200 dpm		
199	<200 dpm	226	<200 dpm		
200	<200 dpm	227	<200 dpm		
201	<200 dpm	228	<200 dpm		
202	<200 dpm	229	<200 dpm		
203	<200 dpm	230	<200 dpm		
204	<200 dpm	231	<200 dpm		
205	<200 dpm	232	<200 dpm		
206	<200 dpm	233	<200 dpm		
207	<200 dpm	234	<200 dpm		



Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

22	25	28	31	34	37	40	43	46
23	26	29	32	35	38	41	44	47
24	27	30	33	36	39	42	45	48

Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

49	52	55	58	61	64	67
50	53	56	59	62	65	68
51	54	57	60	63	66	69

Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

67	70	73	76	79	82	85	88	91	92
68	71	74	77	80	83	86	89	91A	93
69	72	75	78	81	84	87	90	91B	94

Room Survey Date: 20 April 2009
Surveyor: Tom Sanders
Ludlum Model 3 Survey Meter
S/N: 258504
Cal Date: 04 March 2009
Ludlum Probe Model 44-9
S/N: PR276541

Survey Readings: <100 cpm

E

155	145	135	125	115	105	95
156	146	136	126	116	106	96
157	147	137	127	117	107	97
158	148	138	128	118	108	98
159	149	139	129	119	109	99
160	150	140	130	120	110	100
161	151	141	131	121	111	101
162	152	142	132	122	112	102
163	153	143	133	123	113	103
164	154	144	134	124	114	104

Room Survey Date: 20 April 2009
 Surveyor: Tom Sanders
 Ludlum Model 3 Survey Meter
 S/N: 258504
 Cal Date: 04 March 2009
 Ludlum Probe Model 44-9
 S/N: PR276541

Survey Readings: <100 cpm

165	166	167	168	169	170	171
172	173	174	175	176	177	178
179	180	181	182	183	184	185
186	187	188	189	190	191	192
193	194	195	196	197	198	199
200	201	202	203	204	205	206
207	208	209	210	211	212	213
214	215	216	217	218	219	220
221	222	223	224	225	226	227
228	229	230	231	232	233	234

Room Survey Date: 20 April 2009

Surveyor: Tom Sanders

Ludlum Model 3 Survey Meter

S/N: 258504

Cal Date: 04 March 2009

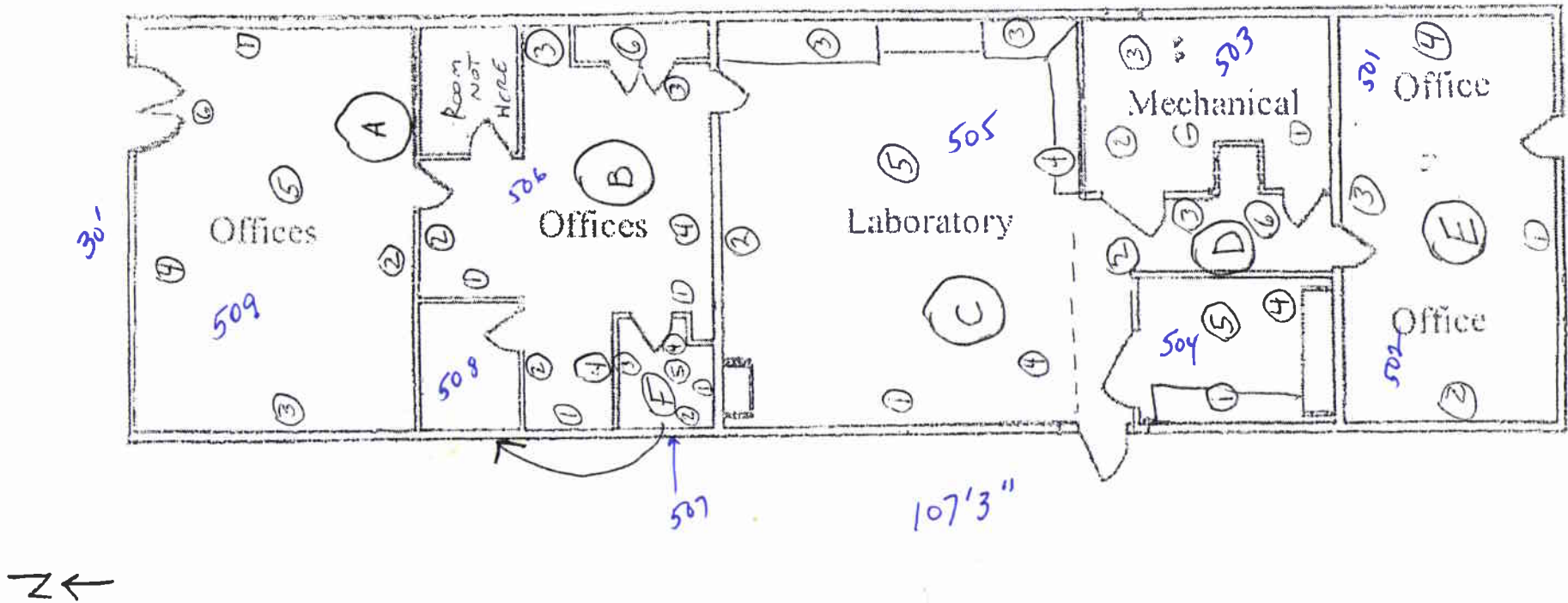
Ludlum Probe Model 44-9

S/N: PR276541

Survey Readings: <100 cpm

Figure 3
Building B

West EAST



FEDEX Express

From: Origin ID: COJA (573) 777-6192
Donald Simpson
ABC Labs
7200 E ABC Lane
Columbia, MO 65202



Ship Date: 12OCT09
ActWgt: 4.5 LB
CAD: 228139/MNET9090
Account#: S*****

Delivery Address Bar Code



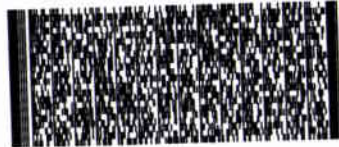
Ref # Shella Hecht
Invoice #
PO #
Dept # 710

SHIP TO: (830) 829-9854 BILL SENDER
Kevin Nuli-Materials Licensing Bnc.
Nuclear Regulatory Commission
2443 Warrenville Road

Lisle, IL 60532

TUE - 13OCT A1
PRIORITY OVERNIGHT

TRK# 7970 0967 0930
0201



NZ ENLA

60532
IL-US
ORD



After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.

Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing

RT 535 1 D
FZ 0930
10.13

The World On Time.
Medium

For FedEx Express® Shipments Only