

RTR

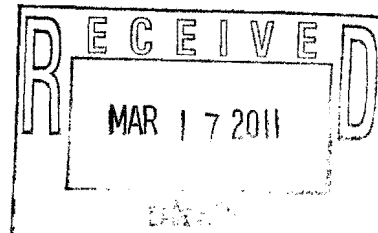


United States Department of the Interior

U. S. GEOLOGICAL SURVEY

WATER RESOURCES
345 Middlefield Road, MS 465
Menlo Park, CA 94025

U. S. Geological Survey
345 Middlefield Rd. MS 496
Menlo Park, CA 94025
Tel: (650) 329-4461
Fax: (650) 329-4545
dbkent@usgs.gov



2/28/11

Dr. Lizette Roldán-Otero
United States Nuclear Regulatory Commission
Region IV
612 East Lamar Blvd., Suite 400
Arlington, TX 76011-4125

License: 04-06674-07

Dear Dr. Roldan-Otero:

Pursuant to License Condition 26, we are requesting approval to release Room 9, Building 9G for unrestricted use. The sole licensed source was a mass spectrometer used to measure argon isotopes extracted from irradiated rock samples. This instrument has been decommissioned and relocated.

Closure surveys prepared by our Radiation Safety Consultant (New World Environmental, Inc.) indicate no contamination in the area. Surveys are enclosed (Appendices 1 and 2). No radiological materials have been used in Room 9 of Building 9G since the final closure survey was conducted. Please feel free to contact me at any time should you have any questions.

Thank you for your attention.

Sincerely,

Douglas B. Kent

Encl.

Ma 574709



September 10, 2010

Andy Calvert
U.S. Geological Survey
345 Middlefield Rd. MS 999
Menlo Park, CA 94025-3561

Dear Andy

The Smear Analysis Report dated 6-29-10 is of 20 floor wipe samples Guy Taibi took of the floor in room 9 (see enclosed map). The wipes are circular, 4.5 cm in diameter and are ideal to be counted in the Ludlum 2929 meter. The Ludlum 2929 meter is designed to detect alpha and beta emissions with a 46% alpha efficiency and a 26% beta efficiency. I have included calibration data on the 2929 with an earlier report I sent you which you may use, should you decide to, as part of the NRC report to verify proper operating standards of the equipment used to count data.

The gas proportional floor meter was calibrated and tested with both an alpha and beta check source for verification of the floor meter operation. The efficiency tests were not conducted as we were merely doing hot spot checking which is a preliminary procedure done in order to detect radioactivity should any exist. The findings of the preliminary procedure dictates which proper equipment to use to conduct the final survey. I have included the Gas Proportional Floor Meter Report as a courtesy for your records but would not suffice as proper documentation for NRC closure report. Please note that the counter efficiency column contains the Ludlum 2929 alpha and beta efficiencies as a default value.

The LSC gross beta report I sent earlier was also performed as a preliminary procedure. Wipes were analyzed on a Beckman LS 3801 which incorporates a self-calibration feature and has a 51% efficiency in the tritium channel and a 98% efficiency in the carbon 14 channel. The findings are reported in DPM at a 95% confidence level. This report was also sent as a courtesy for your records or you may include it in the NRC closure report. I have included proper documentation, a calibration certificate, which you may use, should you decide to, as part of the NRC closure report.

Exposure rates were made with a Ludlum Model 19, s/n 101733, calibrated on 17Mar10. All detected dose rates were equivalent to background.

If you should have any questions, please do not hesitate to call or e-mail me at 925 443-7967 / jennyp@newworld.org.

Sincerely,

Jenny Parra
Health Physicist
New World Environmental, Inc.

Appendix 1

Smear Analysis Report

Lab ID #: 03-10054-124

Client/Location: USGS

Survey Description: Close out room 9

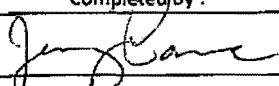
Field Data	
Date Smearred:	6/25/2010
Time Smearred:	15:00
Collected By:	Guy Taibi
Total Smears	20

Lab Data	
Date Counted:	6/29/2010
Time Counted (Start):	10:00
Time Counted (Finish):	16:00
Counted By:	Jenny Parra

Instrument Data

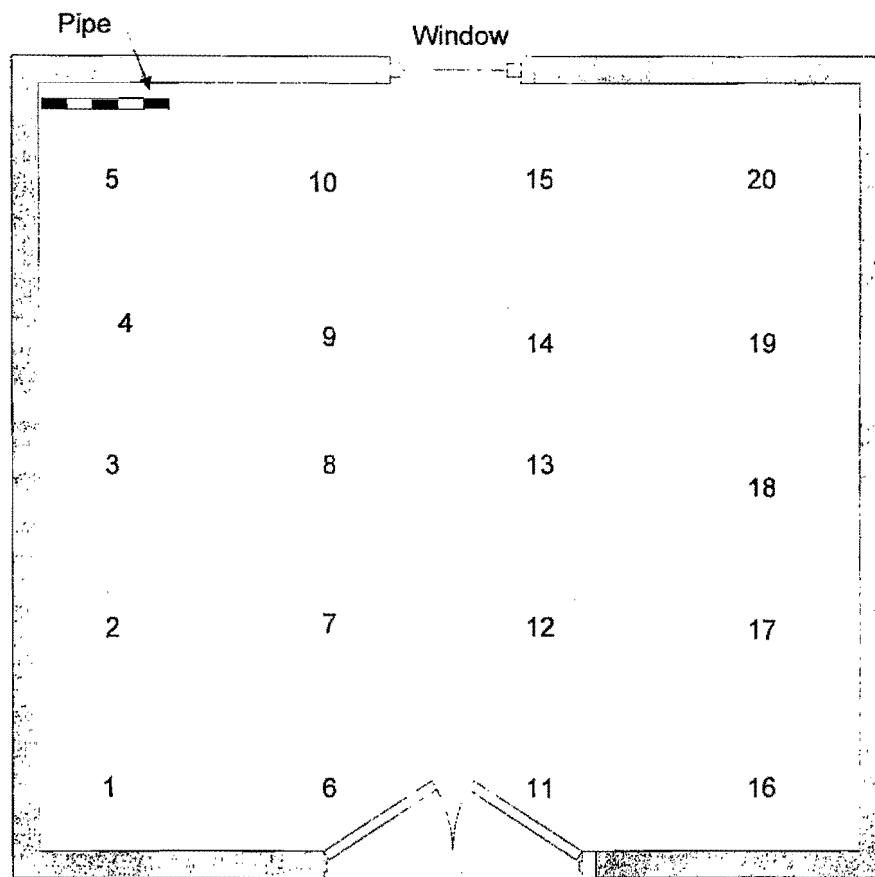
Model:	2929	Probe:	43-10-1	Efficiencies		MDA (DPM)		Daily Background (CPM)		Count Time
Serial #:	143876	Serial #:	PR146481	α	β	α	β	α	β	3
Calibration Due Date:	8/24/2010			0.46	0.26	12.87	132.22	0.45	47.1	Minute (s)
Total Efficiency:				11.54%	6.44%					

#	Sample ID	Gross Counts		CPM		Net Counts		Activity (DPM)	
		α	β	α	β	α	β	α	β
1	1	2	132	0.6666667	44	0.2166667	-3.1	1.88	-48.17
2	2	1	152	0.3333333	50.6666667	-0.1166667	3.566666667	-1.01	55.42
3	3	2	110	0.6666667	36.6666667	0.2166667	-10.4333333	1.88	-162.12
4	4	2	163	0.6666667	54.3333333	0.2166667	7.233333333	1.88	112.40
5	5	1	125	0.3333333	41.6666667	-0.1166667	-5.4333333	-1.01	-84.43
6	6	0	145	0	48.3333333	-0.45	1.233333333	-3.90	19.16
7	7	1	143	0.3333333	47.6666667	-0.1166667	0.566666667	-1.01	8.81
8	8	0	142	0	47.3333333	-0.45	0.233333333	-3.90	3.63
9	9	0	112	0	37.3333333	-0.45	-9.76666667	-3.90	-151.76
10	10	0	134	0	44.6666667	-0.45	-2.4333333	-3.90	-37.81
11	11	1	139	0.3333333	46.3333333	-0.1166667	-0.76666667	-1.01	-11.91
12	12	0	141	0	47	-0.45	-0.1	-3.90	-1.55
13	13	1	146	0.3333333	48.6666667	-0.1166667	1.566666667	-1.01	24.34
14	14	1	140	0.3333333	46.6666667	-0.1166667	-0.4333333	-1.01	-6.73
15	15	1	132	0.3333333	44	-0.1166667	-3.1	-1.01	-48.17
16	16	1	135	0.3333333	45	-0.1166667	-2.1	-1.01	-32.63
17	17	1	154	0.3333333	51.3333333	-0.1166667	4.233333333	-1.01	65.78
18	18	2	131	0.6666667	43.6666667	0.2166667	-3.4333333	1.88	-53.35
19	19	3	121	1	40.3333333	0.55	-6.76666667	4.77	-105.14
20	20	0	114	0	38	-0.45	-9.1	-3.90	-141.40

Completed By:  Date: 6-29-10

Reviewed By: _____ Date: _____

USGS Bldg 9G room 9
Swipe samples taken on June 25, 2010
Circular cloth wipes (4.5 cm diameter)



NWE ANALYTICAL LABORATORY REPORT

Date: 9/1/2010

448 Commerce Way Livermore, CA 94551

Phone: (510) 443-7967

Lab ID: _____

Fax (510) 443-0119

Client: U.S. Geological Survey
345 Middlefield Rd
Menlo Park CA 94025

Contact: Andy Calvert
 Analysis: Gas Proportional floor meter
 Comment: Special Survey Room 9

Title: Principal User

Count #	Window Channel	Gross Counts	Count Time (min)	Rate (CPM)	BKG (CPM)	Counter Eff.	Activity (DPM)*	Counting error(+/-)	Comment
1	Alpha	10	1	10.0	10	0.46	N D	***	< 7 dpm
	Beta	261	1	261.0	238	0.25	N D	***	< 64 dpm
2	Alpha	10	1	10.0	10	0.46	N D	***	< 7 dpm
	Beta	309	1	309.0	238	0.25	284.0	118.2	**
3	Alpha	16	1	16.0	10	0.46	N D	***	< 7 dpm
	Beta	280	1	280.0	238	0.25	168.0	112.8	**
4	Alpha	10	1	10.0	10	0.46	N D	***	< 7 dpm
	Beta	262	1	262.0	238	0.25	N D	***	< 64 dpm
5	Alpha	4	1	4.0	10	0.46	N D	***	< 7 dpm
	Beta	274	1	274.0	238	0.25	144.0	111.6	**
6	Alpha	12	1	12.0	10	0.46	N D	***	< 7 dpm
	Beta	267	1	267.0	238	0.25	116.0	110.2	**
7A	Alpha	8	1	8.0	10	0.46	N D	***	< 7 dpm
	Beta	261	1	261.0	238	0.25	N D	***	< 64 dpm
7B	Alpha	12	1	12.0	10	0.46	N D	***	< 7 dpm
	Beta	270	1	270.0	238	0.25	128.0	110.8	**
8	Alpha	7	1	7.0	10	0.46	N D	***	< 7 dpm
	Beta	258	1	258.0	238	0.25	N D	***	< 64 dpm
9A	Alpha	7	1	7.0	10	0.46	N D	***	< 7 dpm
	Beta	276	1	276.0	238	0.25	152.0	112.0	**
9B	Alpha	10	1	10.0	10	0.46	N D	***	< 7 dpm
	Beta	249	1	249.0	238	0.25	N D	***	< 64 dpm
9C	Alpha	13	1	13.0	10	0.46	N D	***	< 7 dpm
	Beta	270	1	270.0	238	0.25	128.0	110.8	**
10	Alpha	16	1	16.0	10	0.46	N D	***	< 7 dpm
	Beta	283	1	283.0	238	0.25	180.0	113.3	**
11	Alpha	7	1	7.0	10	0.46	N D	***	< 7 dpm
	Beta	265	1	265.0	238	0.25	N D	***	< 64 dpm

NWE ANALYTICAL LABORATORY REPORT

Date: 9/1/2010

448 Commerce Way Livermore, CA 94551

Phone: (510) 443-7967

Lab ID: _____

Fax (510) 443-0119

Client: U.S. Geological Survey
345 Middlefield Rd
Menlo Park CA 94025

Contact: Andy Calvert
 Analysis: Gas Proportional floor meter
 Comment: Special Survey Room 9

Title: Principal User

Count #	Window Channel	Gross Counts	Count Time (min)	Rate (CPM)	BKG (CPM)	Counter Eff.	Activity (DPM)*	Counting error(+/-)	Comment
12	Alpha	9	1	9.0	10	0.46	N D	***	< 7 dpm
	Beta	233	1	233.0	238	0.25	N D	***	< 64 dpm
13	Alpha	7	1	7.0	10	0.46	N D	***	< 7 dpm
	Beta	270	1	270.0	238	0.25	128.0	110.8	**
14A	Alpha	10	1	10.0	10	0.46	N D	***	< 7 dpm
	Beta	251	1	251.0	238	0.25	N D	***	< 64 dpm
14B	Alpha	13	1	13.0	10	0.46	N D	***	< 7 dpm
	Beta	285	1	285.0	238	0.25	188.0	113.7	**
15	Alpha	9	1	9.0	10	0.46	N D	***	< 7 dpm
	Beta	271	1	271.0	238	0.25	132.0	111.0	**
16A	Alpha	4	1	4.0	10	0.46	N D	***	< 7 dpm
	Beta	265	1	265.0	238	0.25	N D	***	< 64 dpm
16B	Alpha	5	1	5.0	10	0.46	N D	***	< 7 dpm
	Beta	296	1	296.0	238	0.25	232.0	115.8	**
17	Alpha	9	1	9.0	10	0.46	N D	***	< 7 dpm
	Beta	272	1	272.0	238	0.25	136.0	111.2	**
18	Alpha	15	1	15.0	10	0.46	N D	***	< 7 dpm
	Beta	247	1	247.0	238	0.25	N D	***	< 64 dpm
19A	Alpha	48	1	48.0	10	0.46	82.6	25.0	**
	Beta	311	1	311.0	238	0.25	292.0	118.6	**
19B	Alpha	21	1	21.0	10	0.46	23.9	16.6	**
	Beta	286	1	286.0	238	0.25	192.0	113.9	**
19C	Alpha	27	1	27.0	10	0.46	37.0	18.8	**
	Beta	262	1	262.0	238	0.25	N D	***	< 64 dpm
19D	Alpha	16	1	16.0	10	0.46	N D	***	< 7 dpm
	Beta	267	1	267.0	238	0.25	116.0	110.2	**
19E	Alpha	13	1	13.0	10	0.46	N D	***	< 7 dpm
	Beta	336	1	336.0	238	0.25	392.0	123.1	**

NWE ANALYTICAL LABORATORY REPORT

Date: 9/1/2010

448 Commerce Way Livermore, CA 94551

Phone: (510) 443-7967

Lab ID: _____

Fax (510) 443-0119

Client: U.S. Geological Survey
345 Middlefield Rd
Menlo Park CA 94025

Contact: Andy Calvert
 Analysis: Gas Proportional floor meter
 Comment: Special Survey Room 9

Title: Principal User

Count #	Window Channel	Gross Counts	Count Time (min)	Rate (CPM)	BKG (CPM)	Counter Eff.	Activity (DPM)*	Counting error(+/-)	Comment
19F	Alpha	9	1	9.0	10	0.46	N D	***	< 7 dpm
	Beta	311	1	311.0	238	0.25	292.0	118.6	**
19G	Alpha	8	1	8.0	10	0.46	N D	***	< 7 dpm
	Beta	319	1	319.0	238	0.25	324.0	120.1	**
19H	Alpha	15	1	15.0	0.45	0.46	31.6	13.9	**
	Beta	318	1	318.0	47	0.25	1084.0	118.1	**
19I	Alpha	15	1	15.0	10	0.46	N D	***	< 7 dpm
	Beta	311	1	311.0	47	0.25	1056.0	116.8	**
19J	Alpha	21	1	21.0	10	0.46	23.9	16.6	**
	Beta	324	1	324.0	10	0.25	1256.0	118.9	**
20A	Alpha	15	1	15.0	0.45	0.46	31.6	13.9	**
	Beta	309	1	309.0	47	0.25	1048.0	116.5	**
20B	Alpha	10	1	10.0	10	0.46	N D	***	< 7 dpm
	Beta	319	1	319.0	47	0.25	1088.0	118.3	**
20C	Alpha	10	1	10.0	10	0.46	N D	***	< 7 dpm
	Beta	298	1	298.0	47	0.25	1004.0	114.4	**
20D	Alpha	11	1	11.0	0.45	0.46	22.9	11.9	**
	Beta	287	1	287.0	47	0.25	960.0	112.3	**
20E	Alpha	14	1	14.0	10	0.46	N D	***	< 7 dpm
	Beta	264	1	264.0	47	0.25	868.0	107.7	**

*ND - No activity detected above natural background

**(+/-) values are at 95% confidence level

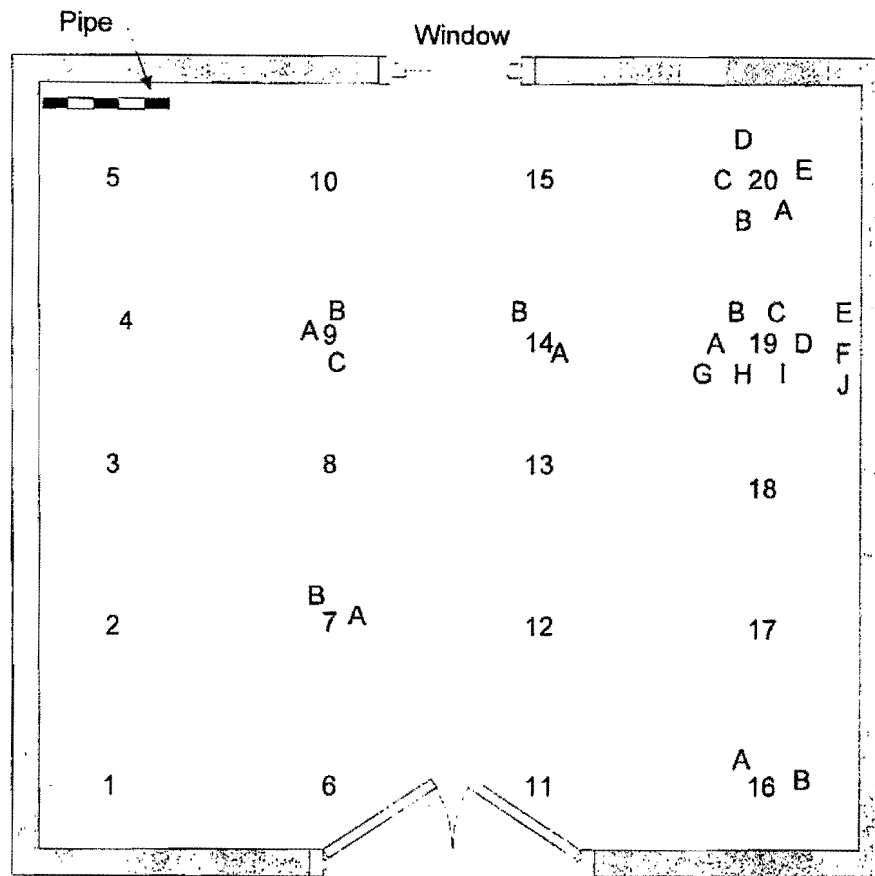
*** Activity is Less than the limit of detection

Reviewed By: 

Title: Health Physicist

Date: 9/1/2010

USGS Bldg 9G room 9
 Floor meter data taken on June 25, 2010



Note: This map is not to scale. Locations 6, 11, 14 and 19 are more accurately depicted in Figure 2.

Date: 24-Jun-10
 Lab ID: 03-10054-124

NWE ANALYTICAL LABORATORY REPORT

448 Commerce Way, Livermore CA 94551

Phone: (925) 443-7967

Fax: (925) 443-0119

Client: U.S. Geological Survey
 345 Middlefield Rd
 Menlo Park CA 94025

Contact: Andy Calvert
 Analysis: LSC gross beta
 Comment: Special Survey

Title: Principal User

Sample #	Sample ID	Count Time (min)	Activity (DPM)	BKG (DPM)	Net Activity (DPM)*	Counting error(+/-)	Comment
Bldg 9G room 9							
1	1	3	34	37	ND	***	< 19 dpm
2	2	3	35	37	ND	***	< 19 dpm
3	3	3	24	37	ND	***	< 19 dpm
4	4	3	38	37	ND	***	< 19 dpm
5	5	3	28	37	ND	***	< 19 dpm
6	6	3	38	37	ND	***	< 19 dpm
7	7	3	35	37	ND	***	< 19 dpm
8	8	3	31	37	ND	***	< 19 dpm
9	9	3	39	37	ND	***	< 19 dpm
10	10	3	35	37	ND	***	< 19 dpm
11	11	3	36	37	ND	***	< 19 dpm
12	12	3	39	37	ND	***	< 19 dpm
13	13	3	33	37	ND	***	< 19 dpm
14	14	3	36	37	ND	***	< 19 dpm
15	15	3	40	37	ND	***	< 19 dpm
16	16	3	39	37	ND	***	< 19 dpm
17	17	3	39	37	ND	***	< 19 dpm
18	18	3	30	37	ND	***	< 19 dpm
19	19	3	38	37	ND	***	< 19 dpm
20	20	3	34	37	ND	***	< 19 dpm
21	21	3	38	37	ND	***	< 19 dpm
22	22	3	34	37	ND	***	< 19 dpm
23	23	3	38	37	ND	***	< 19 dpm
24	24	3	37	37	ND	***	< 19 dpm
25	25	3	37	37	ND	***	< 19 dpm
26	26	3	39	37	ND	***	< 19 dpm

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Appendix 2

Date: 24-Jun-10
 Lab ID: 03-10054-124

NWE ANALYTICAL LABORATORY REPORT

448 Commerce Way, Livermore CA 94551

Phone: (925) 443-7967

Fax: (925) 443-0119

Client: U.S. Geological Survey
 345 Middlefield Rd
 Menlo Park CA 94025

Contact: Andy Calvert
 Analysis: LSC gross beta
 Comment: Special Survey

Title: Principal User

Sample #	Sample ID	Count Time (min)	Activity (DPM)	BKG (DPM)	Net Activity (DPM)*	Counting error(+/-)	Comment
Cont. Bldg 9G room 9							
27	27	3	37	37	ND	***	< 19 dpm
28	28	3	36	37	ND	***	< 19 dpm
29	29	3	35	37	ND	***	< 19 dpm
30	30	3	38	37	ND	***	< 19 dpm
31	31	3	34	37	ND	***	< 19 dpm
32	32	3	37	37	ND	***	< 19 dpm
33	33	3	42	37	ND	***	< 19 dpm
34	34	3	36	37	ND	***	< 19 dpm
35	35	3	34	37	ND	***	< 19 dpm
36	36	3	28	37	ND	***	< 19 dpm
37	37	3	36	37	ND	***	< 19 dpm
38	38	3	46	37	ND	***	< 19 dpm
39	39	3	28	37	ND	***	< 19 dpm
40	40	3	38	37	ND	***	< 19 dpm
41	41	3	31	37	ND	***	< 19 dpm
42	42	3	38	37	ND	***	< 19 dpm
43	43	3	39	37	ND	***	< 19 dpm
44	44	3	36	37	ND	***	< 19 dpm
45	45	3	45	37	ND	***	< 19 dpm
46	46	3	39	37	ND	***	< 19 dpm
47	47	3	36	37	ND	***	< 19 dpm
48	48	3	44	37	ND	***	< 19 dpm
49	49	3	37	37	ND	***	< 19 dpm
50	50	3	36	37	ND	***	< 19 dpm
51	51	3	37	37	ND	***	< 19 dpm
52	52	3	39	37	ND	***	< 19 dpm
53	53	3	39	37	ND	***	< 19 dpm

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Appendix 2

Date: 24-Jun-10
 Lab ID: 03-10054-124

NWE ANALYTICAL LABORATORY REPORT

448 Commerce Way, Livermore CA 94551

Phone: (925) 443-7967

Fax: (925) 443-0119

Client: U.S. Geological Survey
 345 Middlefield Rd
 Menlo Park CA 94025

Contact: Andy Calvert
 Analysis: LSC gross beta
 Comment: Special Survey

Title: Principal User

Sample #	Sample ID	Count Time (min)	Activity (DPM)	BKG (DPM)	Net Activity (DPM)*	Counting error(+/-)	Comment
Cont. Bldg 9G room 9							
54	54	3	32	37	ND	***	< 19 dpm
55	55	3	31	37	ND	***	< 19 dpm
56	56	3	47	37	ND	***	< 19 dpm
57	57	3	36	37	ND	***	< 19 dpm
58	58	3	35	37	ND	***	< 19 dpm
59	59	3	34	37	ND	***	< 19 dpm
60	60	3	40	37	ND	***	< 19 dpm
61	61	3	41	37	ND	***	< 19 dpm
62	62	3	40	37	ND	***	< 19 dpm
63	63	3	43	37	ND	***	< 19 dpm
Various stuff in the hallway from room 9							
1	1	3	38	37	ND	***	< 19 dpm
2	2	3	45	37	ND	***	< 19 dpm
3	3	3	33	37	ND	***	< 19 dpm
4	4	3	33	37	ND	***	< 19 dpm
5	5	3	32	37	ND	***	< 19 dpm
6	6	3	36	37	ND	***	< 19 dpm
7	7	3	36	37	ND	***	< 19 dpm
8	8	3	35	37	ND	***	< 19 dpm
9	9	3	38	37	ND	***	< 19 dpm
10	10	3	31	37	ND	***	< 19 dpm
11	11	3	32	37	ND	***	< 19 dpm
12	12	3	37	37	ND	***	< 19 dpm
13	13	3	36	37	ND	***	< 19 dpm
14	14	3	36	37	ND	***	< 19 dpm
15	15	3	34	37	ND	***	< 19 dpm
16	16	3	36	37	ND	***	< 19 dpm

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Appendix 2

15 574709

Date: 24-Jun-10
 Lab ID: 03-10054-124

NWE ANALYTICAL LABORATORY REPORT

448 Commerce Way, Livermore CA 94551

Phone: (925) 443-7967

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Client: U.S. Geological Survey
345 Middlefield Rd
Menlo Park CA 94025

Contact: Andy Calvert
 Analysis: LSC gross beta
 Comment: Special Survey

Title: Principal User

Sample #	Sample ID	Count Time (min)	Activity (DPM)	BKG (DPM)	Net Activity (DPM)*	Counting error(+/-)	Comment
Cont. Various stuff in the hallway from room 9							
17	17	3	35	37	ND	***	< 19 dpm
18	18	3	36	37	ND	***	< 19 dpm
19	19	3	35	37	ND	***	< 19 dpm
20	20	3	34	37	ND	***	< 19 dpm
21	21	3	29	37	ND	***	< 19 dpm
22	22	3	32	37	ND	***	< 19 dpm
23	23	3	27	37	ND	***	< 19 dpm
24	24	3	37	37	ND	***	< 19 dpm
25	25	3	40	37	ND	***	< 19 dpm
26	26	3	41	37	ND	***	< 19 dpm
27	27	3	30	37	ND	***	< 19 dpm
28	28	3	35	37	ND	***	< 19 dpm
29	29	3	31	37	ND	***	< 19 dpm
30	30	3	36	37	ND	***	< 19 dpm
31	31	3	29	37	ND	***	< 19 dpm
32	32	3	29	37	ND	***	< 19 dpm
33	33	3	32	37	ND	***	< 19 dpm
34	34	3	33	37	ND	***	< 19 dpm
30 background samples							
1	1	3	38	37	ND	***	< 19 dpm
2	2	3	37	37	ND	***	< 19 dpm
3	3	3	37	37	ND	***	< 19 dpm
4	4	3	40	37	ND	***	< 19 dpm
5	5	3	36	37	ND	***	< 19 dpm
6	6	3	39	37	ND	***	< 19 dpm
7	7	3	36	37	ND	***	< 19 dpm

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Appendix 2

Date: 24-Jun-10
 Lab ID: 03-10054-124

NWE ANALYTICAL LABORATORY REPORT

448 Commerce Way, Livermore CA 94551

Phone: (925) 443-7967

Fax: (925) 443-0119

Client: U.S. Geological Survey
 345 Middlefield Rd
 Menlo Park CA 94025

Contact: Andy Calvert
 Analysis: LSC gross beta
 Comment: Special Survey

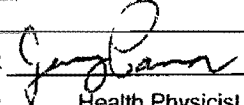
Title: Principal User

Sample #	Sample ID	Count Time (min)	Activity (DPM)	BKG (DPM)	Net Activity (DPM)*	Counting error(+/-)	Comment
Cont. 30 background samples							
8	8	3	32	37	ND	***	< 19 dpm
9	9	3	32	37	ND	***	< 19 dpm
10	10	3	32	37	ND	***	< 19 dpm
11	11	3	44	37	ND	***	< 19 dpm
12	12	3	38	37	ND	***	< 19 dpm
13	13	3	38	37	ND	***	< 19 dpm
14	14	3	38	37	ND	***	< 19 dpm
15	15	3	31	37	ND	***	< 19 dpm
16	16	3	34	37	ND	***	< 19 dpm
17	17	3	40	37	ND	***	< 19 dpm
18	18	3	42	37	ND	***	< 19 dpm
19	19	3	38	37	ND	***	< 19 dpm
20	20	3	39	37	ND	***	< 19 dpm
21	21	3	36	37	ND	***	< 19 dpm
22	22	3	33	37	ND	***	< 19 dpm
23	23	3	33	37	ND	***	< 19 dpm
24	24	3	30	37	ND	***	< 19 dpm
25	25	3	37	37	ND	***	< 19 dpm
26	26	3	36	37	ND	***	< 19 dpm
27	27	3	41	37	ND	***	< 19 dpm
28	28	3	35	37	ND	***	< 19 dpm
29	29	3	37	37	ND	***	< 19 dpm
30	30	3	40	37	ND	***	< 19 dpm

*ND - No activity detected above natural background

**(+/-) values are at 95% confidence level

*** Activity is Less than the limit of detection

Reviewed By: 
 Title: Health Physicist

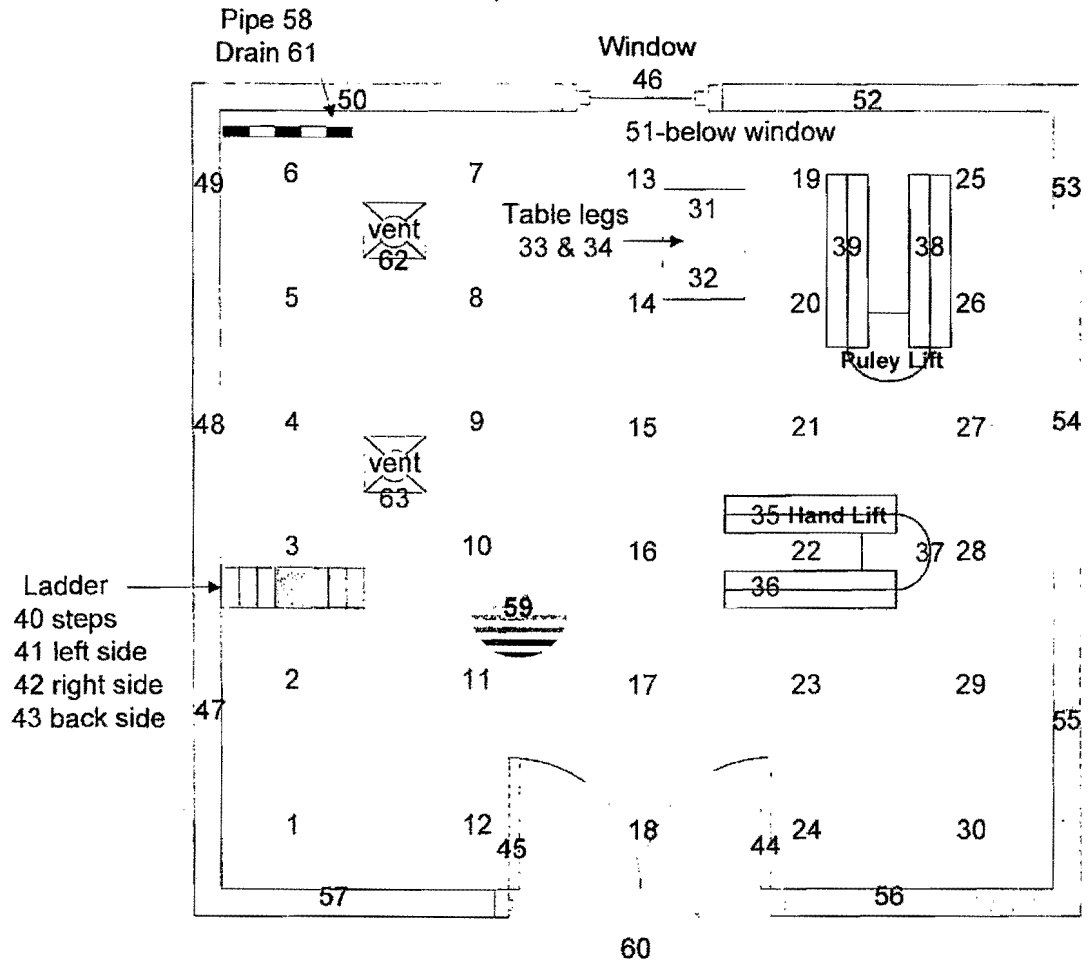
Date: 9/1/2010

26

Appendix 2

USGS Bldg 9G room 9

Wipes taken on June 24, 2010



#'s 47 thru 57 are wipes taken 3ft up the side of the wall

27

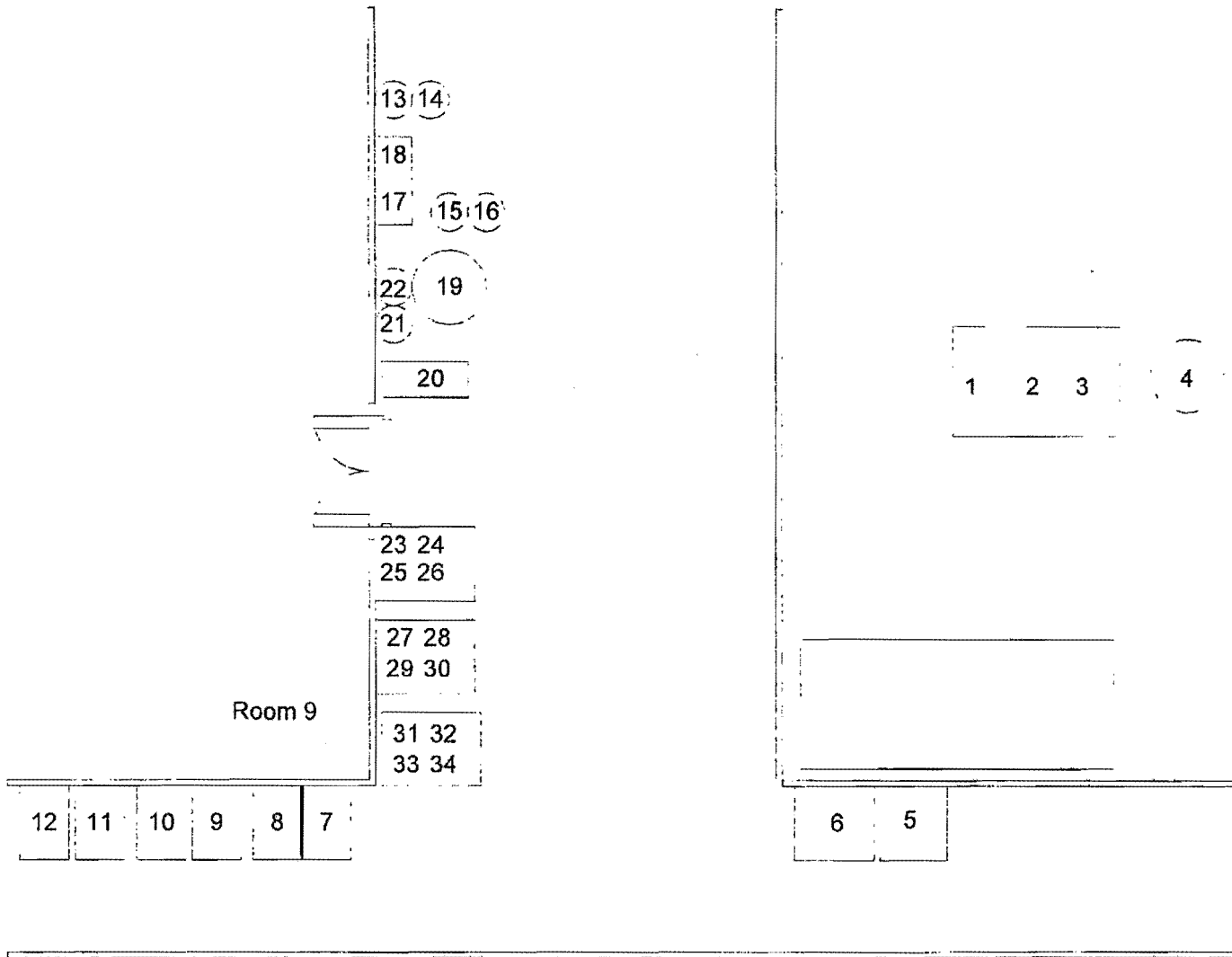
Appendix 2

Map not to scale

USGS Bldg 9G room 9

Hallway

Jame's Office



28

Appendix 2

B 574709

Map not to scale

3-23-2011

DATE

This is to acknowledge the receipt of your letter/application dated 2-28-2011, and to inform you that the initial processing, which includes an administrative review, has been performed.

There were no administrative omissions. Your application will be assigned to a technical reviewer. Please note that the technical review may identify other omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card:

The action you requested is normally processed within 90 days.

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 574 709.
When calling to inquire about this action, please refer to this mail control number.
You may call me at (817) 860-8103.

Sincerely,



Licensing Assistant

BETWEEN:

Accounts Receivable/Payable
and
Regional Licensing Branches

[FOR ARPB USE]
INFORMATION FROM LTS

Program Code: 03610
Status Code: Pending Amendment
Fee Category: 3L 3P
Exp. Date:
Fee Comments:
Decom Fin Assur Req: N

License Fee Worksheet - License Fee Transmittal

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: INTERIOR, DEPARTMENT OF THE
Received Date: 03/17/2011
Docket Number: 3013620
Mail Control Number: 574709
License Number: 04-06674-07
Action Type: Amendment

2. FEE ATTACHED

Amount: _____

Check No.: _____

3. COMMENTS

Signed: Colleen Murnahan

Date: 3-22-2011

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered / /)

1. Fee Category and Amount: _____

2. Correct Fee Paid. Application may be processed for:

Amendment: _____

Renewal: _____

License: _____

3. OTHER _____

Signed: _____

Date: _____