

Revision 2

OP-001-02 Radiological Survey Sheet

Radiological Surveys

Location: New York, NY

Site: DHS NUSTL, First Floor Labs #1 and #2

RWP#

EML-02

Survey #

EML-26

Survey Type:

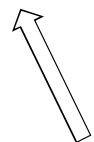
Release

pg. 1 of 6

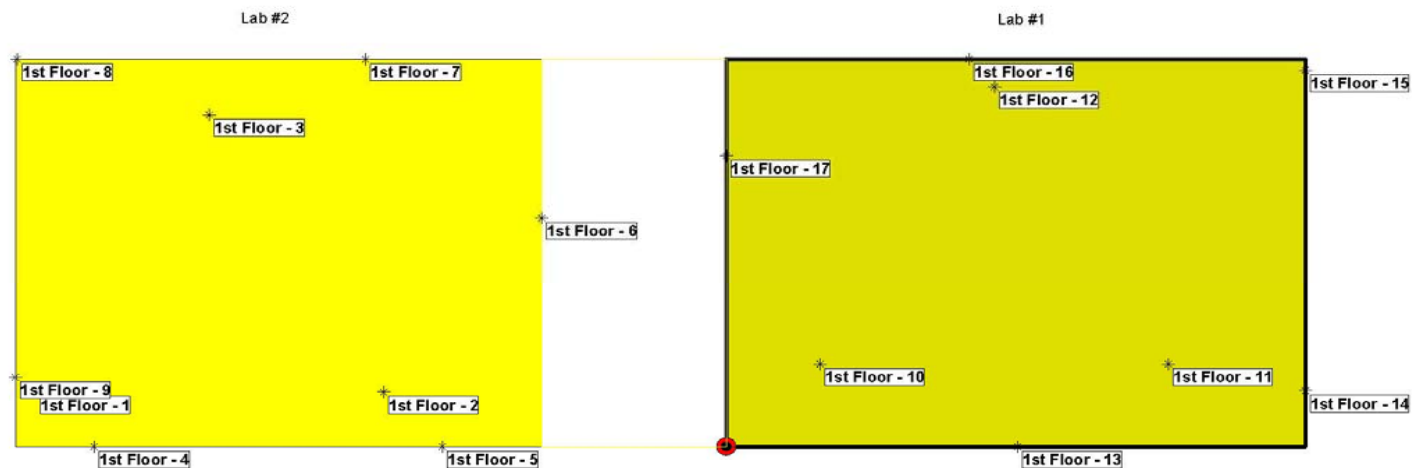
Smear (CPM/100 cm²)Direct Count (CPM/100 cm²)

circle one

No.	α	β	No.	α	β
1	2.0	27.0	26		
2	1.0	37.0	27		
3	1.0	36.0	28		
4	0.0	35.0	29		
5	1.0	39.0	30		
6	0.0	32.0	31		
7	0.0	31.0	32		
8	1.0	36.0	33		
9	0.0	31.0	34		
10	0.0	44.0	35		
11	0.0	32.0	36		
12	0.0	42.0	37		
13	0.0	40.0	38		
14	2.0	30.0	39		
15	0.0	34.0	40		
16	0.0	42.0	41		
17	2.0	33.0	42		
18			43		
19			44		
20			45		
21			46		
22			47		
23			48		
24			49		
25			50		



NORTH



Survey Unit First Floor, Class 2

Comments	Surveyed By:	Date:	Instrument	Serial #	α Eff.	β Eff.	α Bkg.	β Bkg.	γ Bkg.	Cal. Due		Key
	<i>Nicholas Berian</i>	28-Nov-07	Ludlum 2929/ Ludlum 43-10-1	#142645 / #PR156519	0.3487 (Th-230)	0.1815 (Tc-99)	0.4	33.8	-	21-Sep-08	-	
											-	■ A/S Location
												*- Boundary
												○ Smear
												□ Dose Rate _____/hr
	Reviewed By:	Date:										* Direct Reading CPM/direct frisk
												△ Grab Sample

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Location: New York, NY

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RWP#

EML-02

Survey #

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Survey Type:

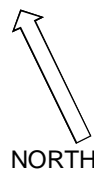
Release

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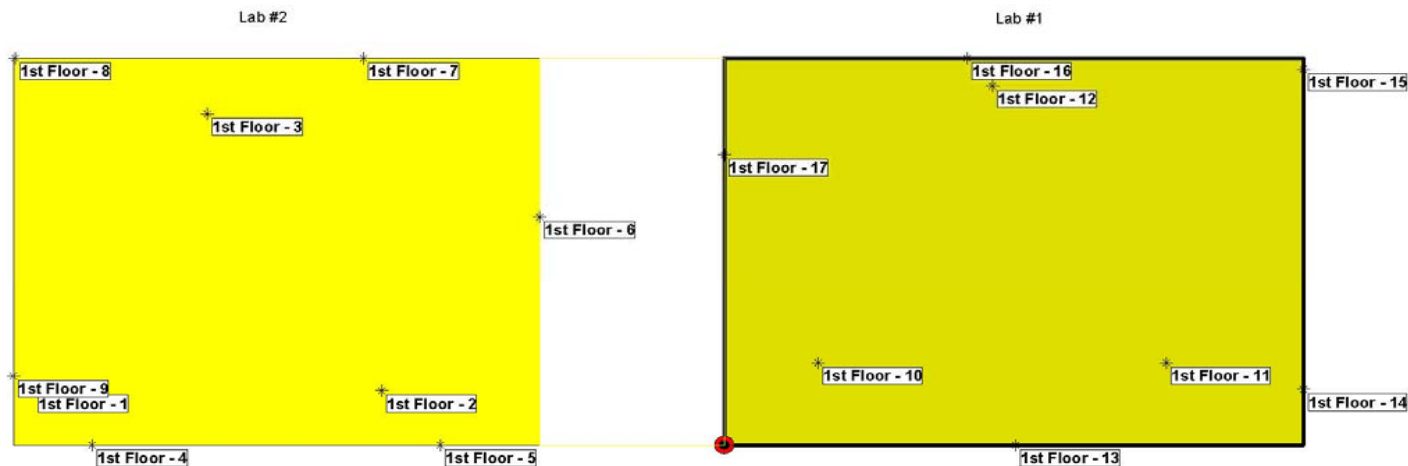
Smear (CPM/100 cm²)Direct Count (CPM/100 cm²)

circle one

No.	α	β	No.	α	β
1	7.0	154.0	26		
2	8.0	198.0	27		
3	6.0	154.0	28		
4	2.0	114.0	29		
5	8.0	213.0	30		
6	5.0	167.0	31		
7	11.0	143.0	32		
8	5.0	188.0	33		
9	6.0	144.0	34		
10	4.0	211.0	35		
11	11.0	204.0	36		
12	4.0	130.0	37		
13	5.0	123.0	38		
14	3.0	286.0	39		
15	4.0	273.0	40		
16	3.0	129.0	41		
17	6.0	145.0	42		
18			43		
19			44		
20			45		
21			46		
22			47		
23			48		
24			49		
25			50		



NORTH



Survey Unit First Floor, Class 2

Comments	Surveyed By:	Date:	Instrument	Serial #	α Eff.	β Eff.	α Bkg.	β Bkg.	γ Bkg.	Cal. Due		Key
	<i>Nicholas Berian</i>	28-Nov-07	Ludlum 2224/ Ludlum 43-68	#183048 / #PR161781	0.1783 (Th-230)	0.2413 (Tc-99)	3.0	156.0	-	18-Jan-08	-	
											-	■ A/S Location
												*- Boundary
												○ Smear
												□ Dose Rate _____/hr
	Reviewed By:	Date:										* Direct Reading CPM/direct frisk
												△ Grab Sample

Scan Information Sheet

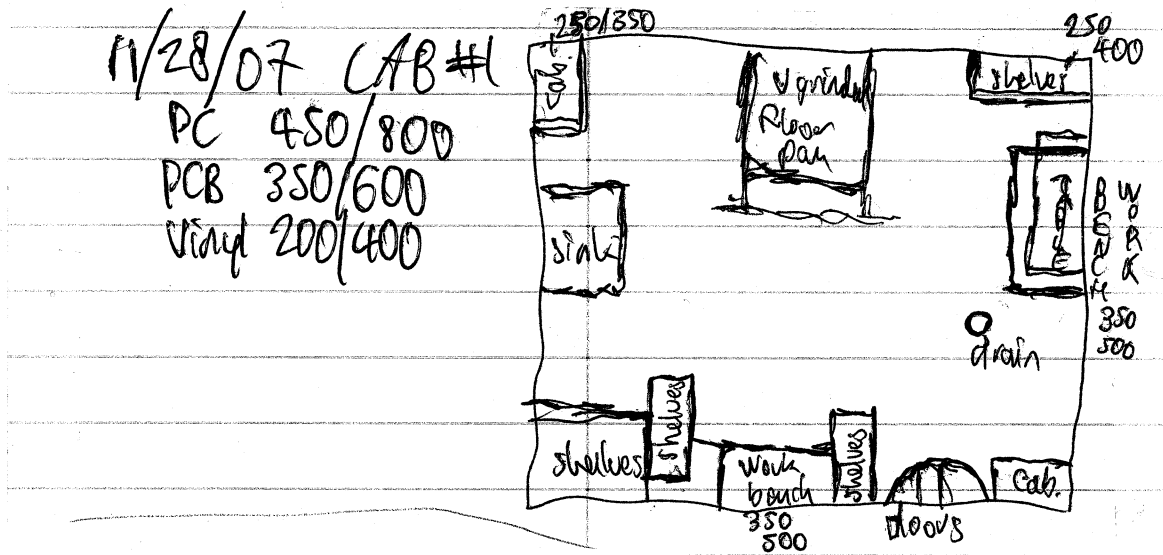
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SU/Room: First Floor Lab #1

Class: 2

Tech Init.: NMB

- Note:
1. On map: draw dimensions and characters
 2. Record scan data for different surfaces
 3. Mark all areas > Action Level (include sample ID)
 4. Record avg and max observed cpm



Notes: Floor Survey (2360 S/N 184938 with 43-37 S/N PR 178371)

α -survey: \leq background	$\beta_{average}$: Vinyl-Asbestos Tile: 200 Painted Concrete: 450
γ -survey: 6	$\beta_{maximum}$: Vinyl-Asbestos Tile: 400 Painted Concrete: 800
	$\beta_{average}$: Painted Cinder Block: 350
	$\beta_{maximum}$: Painted Cinder Block: 600

Wall Survey (2360 S/N 193675 with 43-37 S/N PR 216984)

α -survey: \leq background	$\beta_{average}$: Painted Drywall: 400	Painted Metal: 300
γ -survey: 6	$\beta_{maximum}$: Painted Drywall: 700	Painted Metal: 600

Tech Signature: Nicholas M. Berliner

Date: 12/29/10

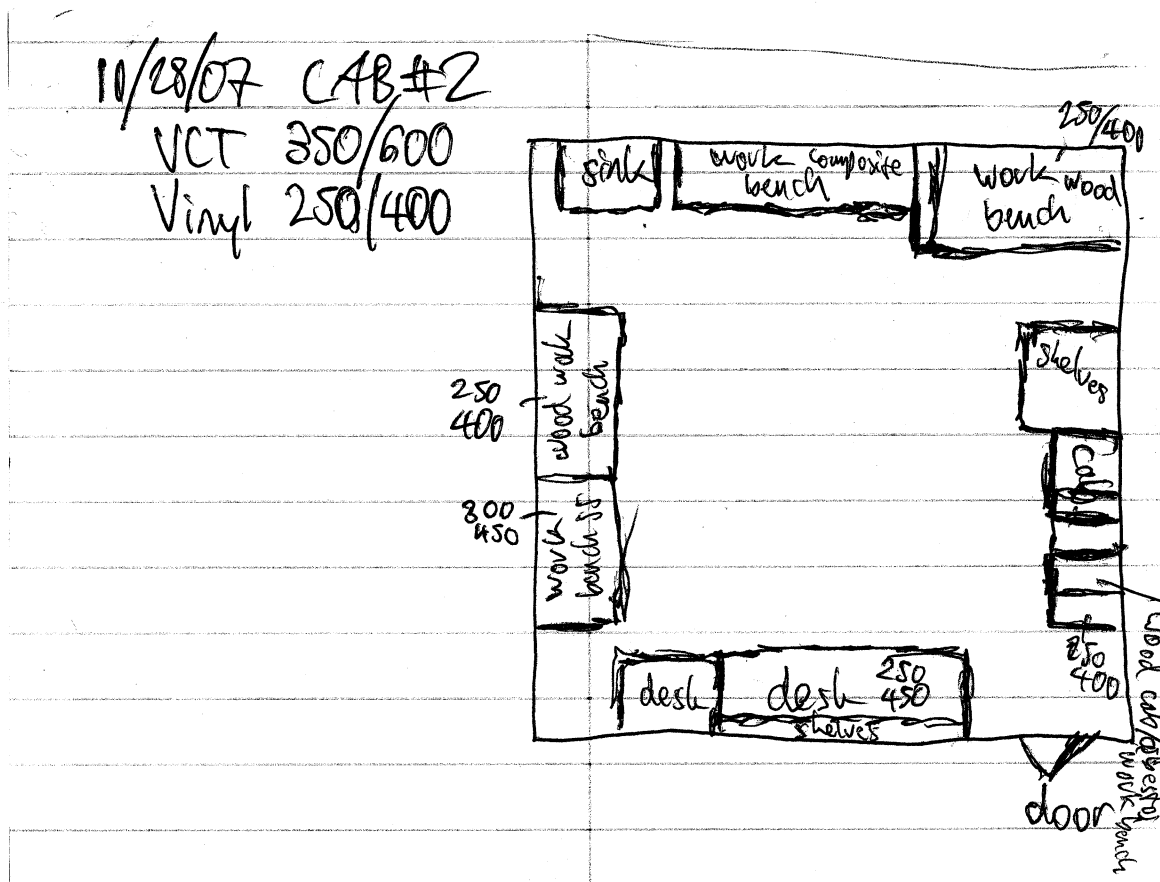
(original survey lost)

Scan Information Sheet

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SU/Room: First Floor Lab #2Class: 2Tech Init.: NMB

- Note:
1. On map: draw dimensions and characters
 2. Record scan data for different surfaces
 3. Mark all areas > Action Level (include sample ID)
 4. Record avg and max observed cpm



Notes: Floor Survey (2360 S/N 184938 with 43-37 S/N PR 178371)

 α -survey: \leq background β_{average} : Vinyl-Asbestos Tile: 250 γ -survey: 4 β_{maximum} : Vinyl-Asbestos Tile: 400 β_{average} : Vinyl-Composite Tile: 350 β_{maximum} : Vinyl-Composite Tile: 600

Wall Survey (2360 S/N 193675 with 43-37 S/N PR 216984)

 α -survey: \leq background β_{average} : Painted Drywall: 400

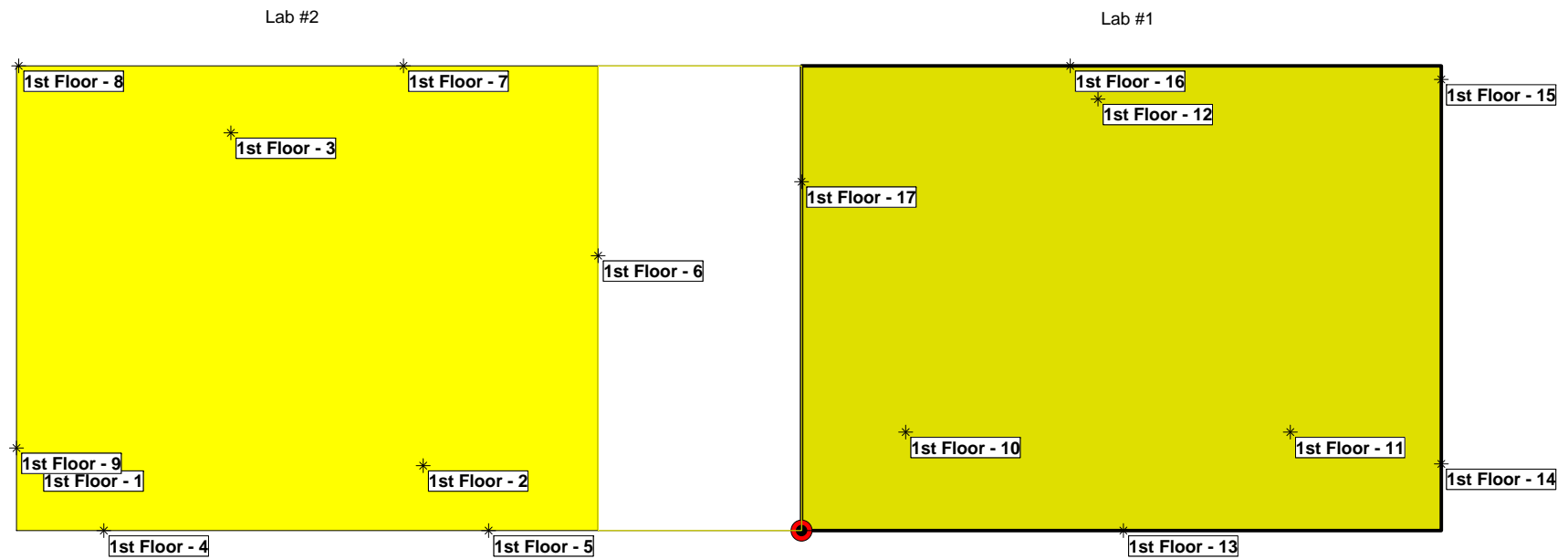
Painted Metal: 300

 γ -survey: 4 β_{maximum} : Painted Drywall: 600

Painted Metal: 500

Tech Signature: Nicholas M. BerlinerDate: 12/29/11

(Original Survey Lost)



Survey Unit First Floor, Class 2

11/28/07

Area: Lab #2

X Coord	Y Coord	Z Coord	Label	Value	Type	Historical	Surface	LX	LY
0.7540	2.2353	0.0000	1st Floor - 1	7/154	Systematic		Floor	0.7540	2.2353
13.9844	2.2353	0.0000	1st Floor - 2	8/198	Systematic		Floor	13.9844	2.2353
7.3692	13.6932	0.0000	1st Floor - 3	6/154	Systematic		Floor	7.3692	13.6932
3.0025	0.0000	2.5732	1st Floor - 4	2/114	Systematic		Wall 4	16.9975	2.5732
16.2330	0.0000	2.5732	1st Floor - 5	8/213	Systematic		Wall 4	3.7670	2.5732
20.0000	9.4635	2.5732	1st Floor - 6	5/167	Systematic		Wall 3	6.5365	2.5732
13.3061	16.0000	2.5732	1st Floor - 7	11/143	Systematic		Wall 2	13.3061	2.5732
0.0756	16.0000	2.5732	1st Floor - 8	5/188	Systematic		Wall 2	0.0756	2.5732
0.0000	2.8452	2.5732	1st Floor - 9	6/144	Systematic		Wall 1	2.8452	2.5732

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Area: Lab #1

X Coord	Y Coord	Z Coord	Label	Value	Type	Historical	Surface	LX	LY
30.5777	3.3937	0.0000	1st Floor - 10	4/211	Systematic		Floor	3.5777	3.3937
43.8082	3.3937	0.0000	1st Floor - 11	11/204	Systematic		Floor	16.8082	3.3937
37.1930	14.8516	0.0000	1st Floor - 12	4/130	Systematic		Floor	10.1930	14.8516
38.0675	0.0000	5.0461	1st Floor - 13	5/123	Systematic		Wall 4	10.9325	5.0461
49.0000	2.2980	5.0461	1st Floor - 14	3/286	Systematic		Wall 3	13.7020	5.0461
49.0000	15.5285	5.0461	1st Floor - 15	4/273	Systematic		Wall 3	0.4715	5.0461
36.2411	16.0000	5.0461	1st Floor - 16	3/129	Systematic		Wall 2	9.2411	5.0461
27.0000	12.0106	5.0461	1st Floor - 17	6/145	Systematic		Wall 1	12.0106	5.0461