

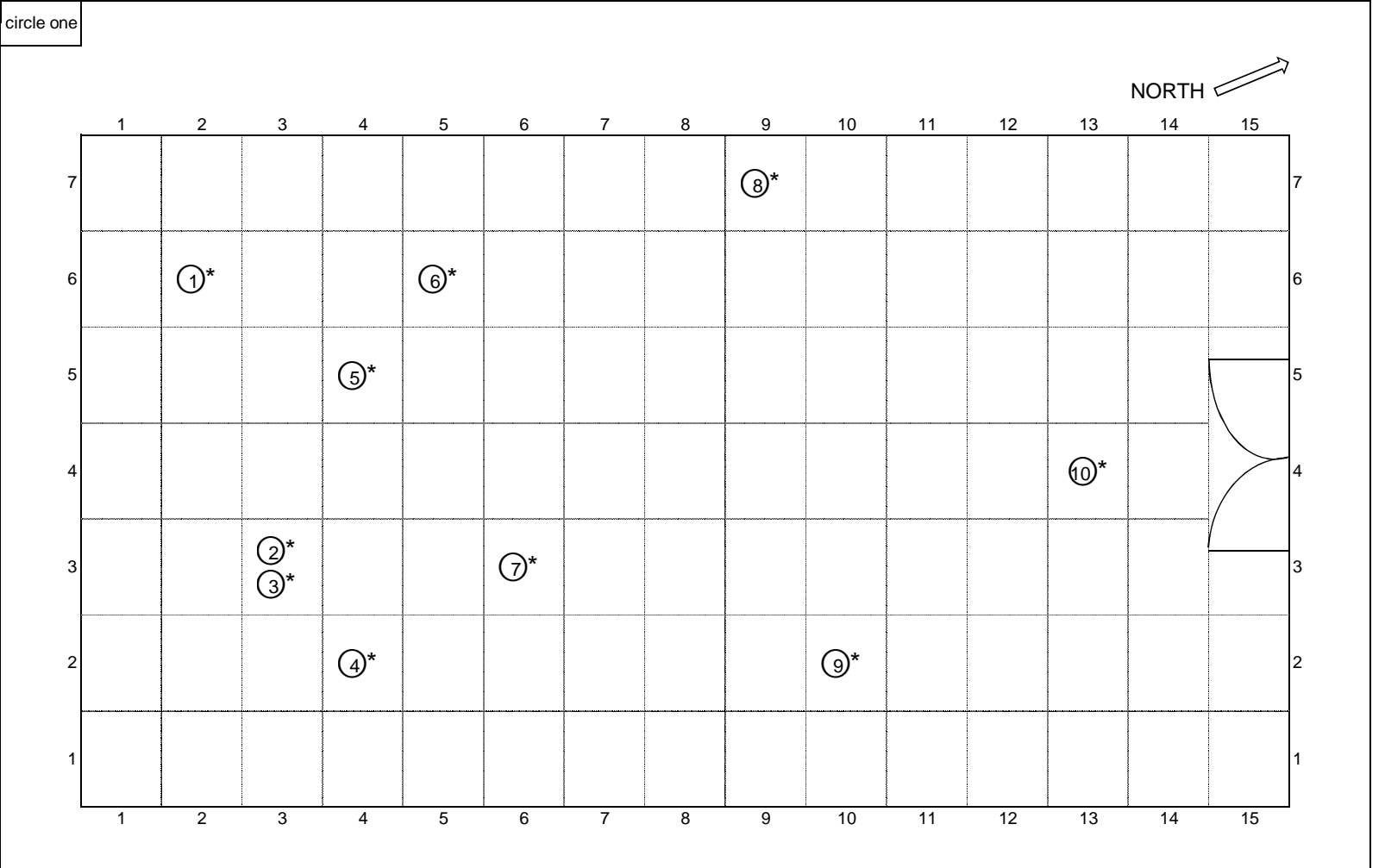
Revision 2

OP-001-02 Radiological Survey Sheet

Radiological Surveys

Location: New York, NY	RWP#	Survey #	Survey Type:	pg. 1 of 3
Site: DHS NUSTL, Room B-8	EML-02	063	Release	

Smear (DPM/100 cm ²)					
Direct Count (DPM/100 cm ²)					
No.	α	β	No.	α	β
1	0.0	0.0	26		
2	6.3	26.0	27		
3	0.0	-13.0	28		
4	15.8	-43.3	29		
5	0.0	-60.7	30		
6	0.0	-47.7	31		
7	6.3	-30.3	32		
8	0.0	-4.3	33		
9	3.2	-73.7	34		
10	6.3	8.7	35		
11			36		
12			37		
13			38		
14			39		
15			40		
16			41		
17			42		
18			43		
19			44		
20			45		
21			46		
22			47		
23			48		
24			49		
25			50		



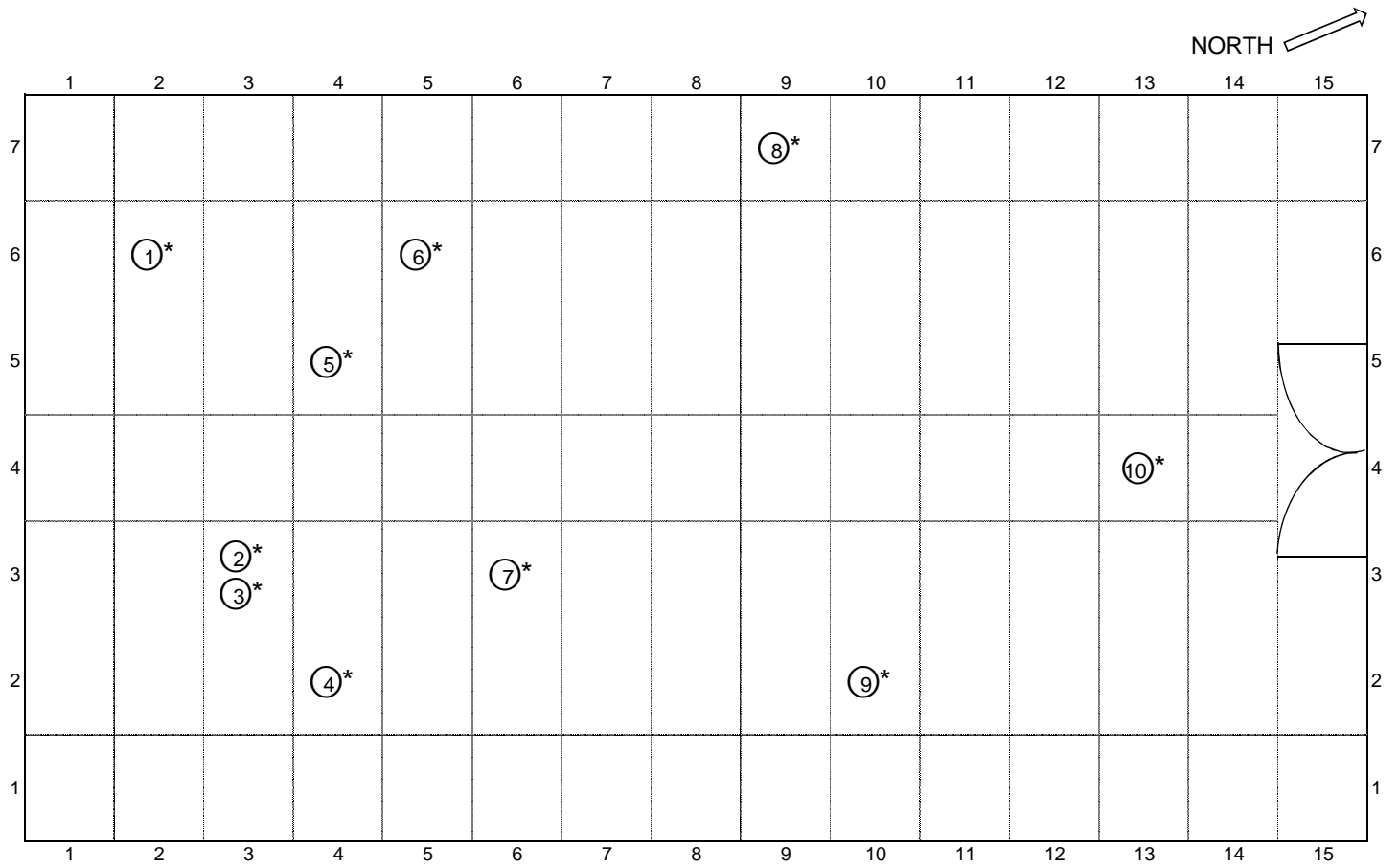
Comments	Surveyed By:	Date:	Instrument	Serial #	α Eff.	β Eff.	α Bkg.	β Bkg.	γ Bkg.	Cal. Due	Key
Floor of Room B-8 scanned using Ludlum 2360/Ludlum 43-37; scan surveys revealed alpha above background in several areas. A one-minute static count was performed at each of these locations, and a smear was collected at each of these locations as well. Walls, shelving, etc. were released via FSS in 2009 and were not resurveyed because there was no reason to suspect any recontamination.	Wade Fillingame	01-Dec-11	Ludlum 2360/ Ludlum 43-37	#184938 / #PR178371	0.1055 (Th-230)	0.1671 (Tc-99)	8.0	480.0	-	03-Aug-12	
	Wade Fillingame	02-Dec-11	Ludlum 2360/ Ludlum 43-10-1	#202461 / #PR191325	0.3156 (Th-230)	0.2308 (Tc-99)	0.0	41.0	-	11-Aug-12	■ A/S Location
											. Boundary
											○ Smear
											□ Dose Rate _____ /hr
		Reviewed By:	Date:								
											△ Grab Sample

Location: New York, NY	RWP#	Survey #	Survey Type:	pg. 2 of 3
Site: DHS NUSTL, Room B-8	EML-02	063	Release	

Smear (DPM/100 cm²)

circle one

Direct Count (DPM/100 cm ²)					
No.	α	β	No.	α	β
1	3.3	105.9	26		
2	58.6	35.0	27		
3	118.9	60.7	28		
4	120.5	39.1	29		
5	104.2	10.3	30		
6	14.7	27.8	31		
7	97.7	100.8	32		
8	4.9	83.3	33		
9	-8.1	27.8	34		
10	-4.9	63.8	35		
11			36		
12			37		
13			38		
14			39		
15			40		
16			41		
17			42		
18			43		
19			44		
20			45		
21			46		
22			47		
23			48		
24			49		
25			50		

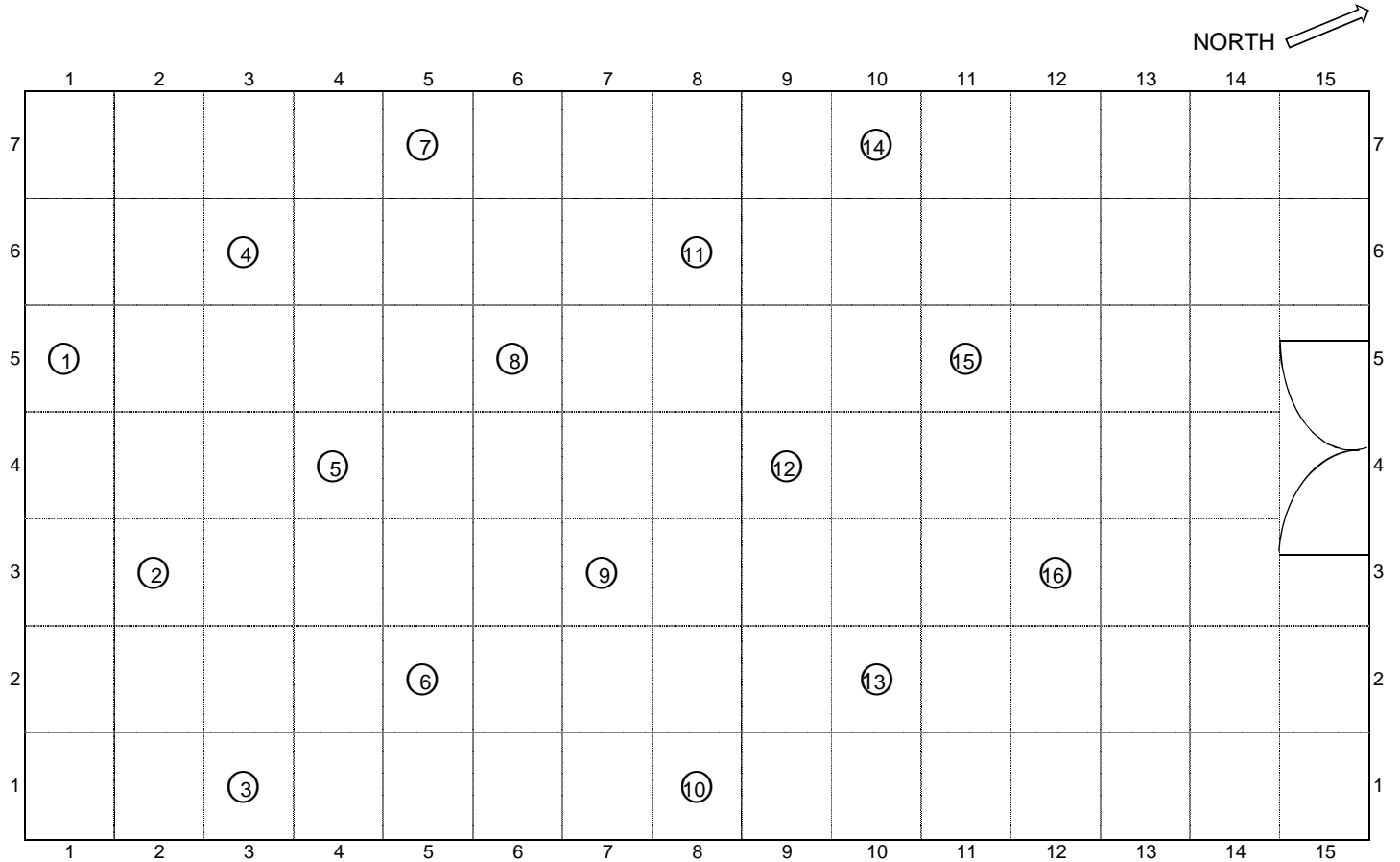


Comments	Surveyed By:	Date:	Instrument	Serial #	α Eff.	β Eff.	α Bkg.	β Bkg.	γ Bkg.	Cal. Due	Key		
Floor of Room B-8 scanned using Ludlum 2360/Ludlum 43-37; scan surveys revealed alpha above background in several areas. A one-minute static count was performed at each of these locations, and a smear was collected at each of these locations as well. Walls, shelving, etc. were released via FSS in 2009 and were not resurveyed because there was no reason to suspect any recontamination.	Wade Fillingame	01-Dec-11	Ludlum 2360/ Ludlum 43-37	#184938 / #PR178371	0.1055 (Th-230)	0.1671 (Tc-99)	3.0	171.0	-	03-Aug-12			
	Wade Fillingame	02-Dec-11	Ludlum 2360/ Ludlum 43-10-1	#202461 / #PR191325	0.3156 (Th-230)	0.2308 (Tc-99)	0.0	41.0	-	11-Aug-12	■	A/S Location	
												.	Boundary
												○	Smear
												□	Dose Rate _____ /hr
		Reviewed By:	Date:									*	Direct Reading CPM/direct frisk
											△	Grab Sample	

Location: New York, NY	RWP# EML-02	Survey # 063	Survey Type: Release
Site: DHS NUSTL, Room B-8			pg. 3 of 3

Smear (DPM/1 m ²)					
Direct Count (DPM/100 cm ²)					
No.	α	β	No.	α	β
1			26		
2			27		
3			28		
4			29		
5			30		
6			31		
7			32		
8			33		
9			34		
10			35		
11			36		
12			37		
13			38		
14			39		
15			40		
16			41		
17			42		
18			43		
19			44		
20			45		
21			46		
22			47		
23			48		
24			49		
25			50		

circle one



Comments	Surveyed By:	Date:	Instrument	Serial #	α Eff.	β Eff.	α Bkg.	β Bkg.	γ Bkg.	Cal. Due	Key
The entire floor of Room B-8 was vacuummed with a HEPA-filter-equipped Atrix VACEXP04 vacuum, followed by LeadCheck brand swabs at the 16 locations shown above. The selection of floor area where lead test swabs were biased toward the end of the room furthest from the door where the B-25s of waste were stored on lead bricks (the lead bricks were swapped for 3" by 3" wood blocks by Cabrera in August). All lead swap results were negative for residual lead.	Nicholas Berliner	01-Dec-11	LeadCheck brand lead test swabs	-	-	-	-	-	-	-	<div style="display: flex; justify-content: space-between;"> <div> A/S Location Boundary Smear Dose Rate _____ /hr Direct Reading CPM/direct frisk Grab Sample </div> </div>
	Reviewed By:	Date:									
	Paul Schwartz										