

Location: New Haven, CT						RWP#		Survey UNC-2016-003 - Scissorlift		Survey Type:		pg. 1 of 3	
Site: Former UNC Manufacturing Facility						N/A		Outgoing		Outgoing			
Direct Count (DPM/100 cm ²)			Smear (DPM/100 cm ²)			circle one							
No.	α	β	No.	α	β								
1	20	-102	1	-1	-43	Left front wheel							
2	10	-34	2	-1	-55	Right front wheel							
3	10	-238	3	2	1	Left rear wheel							
4	20	-255	4	7	12	Right rear wheel							
5	0	-85	5	5	-4	Left-hand railings							
6	-20	-238	6	-1	-21	Right-hand railings							
7	-10	-102	7	2	-27	Control box							
8	0	-119	8	-1	7	Control box							
9	-10	17	9	-1	-49	Front half of deck							
10	10	-204	10	-1	46	Rear half of deck							
11			11										
12			12										
13			13										
14			14										
15			15										
16			16										
17			17										
18			18										
19			19										
20			20										
21			21										
22			22										
23			23										
24			24										
25			25										



Comments	Surveyed By:	Date:	Instrument	Serial #	α Eff.	β Eff.	α Bkg.	β Bkg.	γ Bkg.	Cal. Due	Key	
Conversion from counts to DPM/100 cm ² for direct counts and smears are provided on pages 2 and 3, respectively.		17-Jun-16	2360/ 43-93	184913/ PR199839	0.10133	0.05892	2.0	108	N/A	09-Jun-17		
	Al Craig	17-Jun-16	2929/ 43-10-1	157320/ PR157821	0.35211	0.17966	0.4	29.8	N/A	16-May-17	■	A/S Location
											.	Boundary
											○	Smear
											□	Dose Rate _____ /hr
	Reviewed By:	Date:									*	Direct Reading CPM/direct frisk
	Nicholas Berlin	17-Jun-16									△	Grab Sample

Nick Berliner

CABRERA STATIC COUNTING WORKSHEET (Rev 6)

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Detector Active Area (cm ²)
100

α eff	β eff
0.1013	0.0589

Static Count Time (min)
1.0

Daily Background Count Time (min)
1.0

dpm/100 cm ²	
α Flag	β Flag
5,000	5,000

* Morning Daily Count

Sample ID# and Description	Date	Background Total Counts*		Sample Total Counts		Background (cpm)		Sample Counts (cpm)		Sample (dpm/100 cm ²)		> α flag	> β flag	Tech. Initial
		α	β	α	β	α	β	α	β	α	β			
outgoing lift 1	6/17/2013	2	108	4	102	2.0	108.0	4.00	102	19.7	-102			AC
outgoing lift 2	6/17/2013	2	108	3	106	2.0	108.0	3.00	106	9.9	-34			AC
outgoing lift 3	6/17/2013	2	108	3	94	2.0	108.0	3.00	94	9.9	-238			AC
outgoing lift 4	6/17/2013	2	108	4	93	2.0	108.0	4.00	93	19.7	-255			AC
outgoing lift 5	6/17/2013	2	108	2	103	2.0	108.0	2.00	103	0.0	-85			AC
outgoing lift 6	6/17/2013	2	108	0	94	2.0	108.0	0.00	94	-19.7	-238			AC
outgoing lift 7	6/17/2013	2	108	1	102	2.0	108.0	1.00	102	-9.9	-102			AC
outgoing lift 8	6/17/2013	2	108	2	101	2.0	108.0	2.00	101	0.0	-119			AC
outgoing lift 9	6/17/2013	2	108	1	109	2.0	108.0	1.00	109	-9.9	17			AC
outgoing lift 10	6/17/2013	2	108	3	96	2.0	108.0	3.00	96	9.9	-204			AC

CABRERA SMEAR COUNTING WORKSHEET (Rev 6)

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α eff	β eff
0.3521	0.1797

Sample Count Time (min)	Daily Background Count Time (min)
1.0	5.0

dpm/100 cm ²	
α Flag	β Flag
1,000	1,000

* Morning Daily Count

Sample ID# and Description	Date	Background Total Counts*		Sample Total Counts		Background (cpm)		Sample Counts (cpm)		Sample (dpm/100 cm ²)		> α flag	> β flag	Tech. Initial
		α	β	α	β	α	β	α	β	α	β			
outgoing lift 1	6/17/2013	2	149	0	22	0.4	29.8	0.00	22	-1.1	-43			AC
outgoing lift 2	6/17/2013	2	149	0	20	0.4	29.8	0.00	20	-1.1	-55			AC
outgoing lift 3	6/17/2013	2	149	1	30	0.4	29.8	1.00	30	1.7	1			AC
outgoing lift 4	6/17/2013	2	149	3	32	0.4	29.8	3.00	32	7.4	12			AC
outgoing lift 5	6/17/2013	2	149	2	29	0.4	29.8	2.00	29	4.5	-4			AC
outgoing lift 6	6/17/2013	2	149	0	26	0.4	29.8	0.00	26	-1.1	-21			AC
outgoing lift 7	6/17/2013	2	149	1	25	0.4	29.8	1.00	25	1.7	-27			AC
outgoing lift 8	6/17/2013	2	149	0	31	0.4	29.8	0.00	31	-1.1	7			AC
outgoing lift 9	6/17/2013	2	149	0	21	0.4	29.8	0.00	21	-1.1	-49			AC
outgoing lift 10	6/17/2013	2	149	0	38	0.4	29.8	0.00	38	-1.1	46			AC