

Wipes will be taken once each week in the designated areas (see attached map) of Science Lab 222, except during weeks in which no radioisotopes are used nor waste handling/disposal is conducted. DPM will be determined using the Beckman LS 3801 liquid scintillation counter. Counts will be done using the appropriate channel(s) for the isotope(s) which was (were) used during that week; counts will be conducted a minimum of 5 minutes/count. Wipes will be taken with water moistened filter paper or cotton swabs, wiping a 100 cm² area, and placed in a vial with an appropriate volume of water-soluble liquid scintillation cocktail (5.0 ml for the small vials). Wipe results of greater than 3X background counts will indicate the need for re-washing and re-assessment of the area. *Any additional areas (based on use) will also be wiped. Additional wipes will be marked on the map with a number indicating the area and the resulting counts included below. If additional wipes are needed, Simply re-number this form for your needs and not the activity and reason on an attached page.* **All counts are to be stored in the log.**

Avg Background Counts: _____

Area	DPM		Area	DPM		Area	DPM
1			21			41	
2			22			42	
3			23			43	
4			24			44	
5			25			45	
6			26			46	
7			27			47	
8			28			48	
9			29			49	
10			30			50	
11			31			51	
12			32			52	
13			33			53	
14			34			54	
15			35			55	
16			36			56	
17			37			57	
18			38			58	
19			39			59	
20			40			60	

Describe action taken if any of the areas tested were above the acceptable radiation limits. Include a second wipe test analysis of the areas following this action.