

# CONTAMINATION MONITORING FORM

Building \_\_\_\_\_ Room \_\_\_\_\_ Isotope \_\_\_\_\_

Vial Lot and ID \_\_\_\_\_ Detector \_\_\_\_\_

$$\text{Contamination Calculation } \left( \frac{\text{Bq}}{\text{cm}^2} \right) = \frac{\text{CPM} - \text{CPM}_{\text{blank}}}{\text{Detector Factor}}$$

See the most recent detection factor for your detector →



Name:			Name:			Name:		
Date:			Date:			Date:		
Detection Factor (DF):			Detection Factor (DF):			Detection Factor (DF):		
AREA	CPM	Bq/cm2	AREA	CM	Bq/cm2	AREA	CPM	Bq/cm2
1			1			1		
2			2			2		
3			3			3		
4			4			4		
5			5			5		
6			6			6		
7			7			7		
8			8			8		
9			9			9		
10			10			10		
11			11			11		
12			12			12		
13			13			13		
Blank (Background)			Blank (Background)			Blank (Background)		

Waterloo maintains a maximum limit of contamination of Class A (0.3 Bq/cm<sup>2</sup>), Class B (3 Bq/cm<sup>2</sup>) & Class C (30 Bq/cm<sup>2</sup>) averaged over an area of 100 cm<sup>2</sup>. Contamination levels exceeding this level must be reported to the RSO.

When using an LSC for H-3 or C-14, a copy of the standard results should be attached to this form.

