

## Jackson State University

### LABORATORY SURVEY FORM

Jackson State University Radiation Safety Manual states that laboratories using radioactive materials shall be surveyed daily after use and quarterly by RSO, using a low range survey meter and/or a series of swipes to detect contamination (depending on the type of isotopes used). Only swipes are required in laboratories using C-14 and H-3 exclusively, but these swipes must be counted using a liquid scintillation counter. Good surveys/swipe locations include preparation counters, hoods and sinks where lab equipment is cleaned. To reduce the number of survey and/or swipe locations, users are advised to limit radioactive material use to few areas clearly defined by absorbent drop cloths held in place with radioactive material marker tape. Results exceeding the action level are to be reported to the Radiation Safety Officer immediately, and the area must be resurveyed following decontamination.

**Date:** \_\_\_\_\_

**Authorized User:** \_\_\_\_\_ **Department:** \_\_\_\_\_

**Surveyor:** \_\_\_\_\_ **Frequency:** \_\_\_\_\_

**Counting Equipment:** \_\_\_\_\_

**Contamination Action Level:** 220 DPM/100 CM<sup>2</sup> or >2X Background

<b>Gamma or Liquid Scintillation Counter</b>	<b>and/or</b>	<b>Survey Meter</b>
Manufacturer: _____	/	_____
Model: _____	/	_____
Serial: _____	/	_____
Background: _____	/	_____
Efficiency: _____	/	_____
Calibration Date: _____	/	_____
Calibration Due Date: _____	/	_____

**\*Swipe / Survey Results:**

<b>Lab Room#</b>	<b>Location of Swipe</b>	<b>Swipe Results (units)</b>	<b>Survey Results (units)</b>	<b>Resurvey Results</b>

**\*A crude sketch of the laboratory is needed the first time this form is submitted. Indicate counters, hoods, sinks and survey locations.**