

# Radiation Protection Survey Map – Room 509

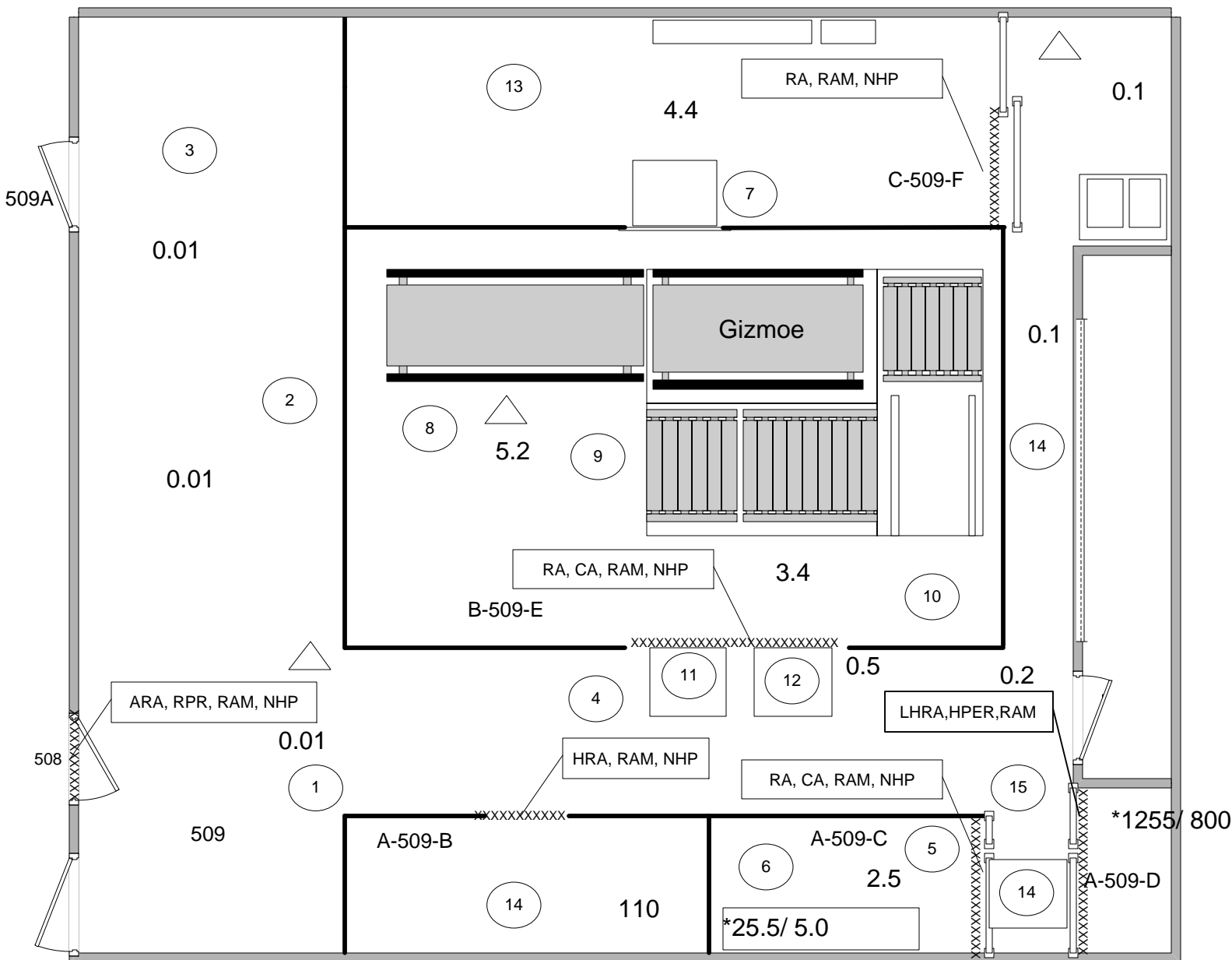
Performed By: Duane McLane

Survey Date/Time: one day old

Reviewed By: Mark Moody

Date: Same day as survey

Location Surveyed: General Areas of Room 509 Buffer Zone and Selected Rooms



○ = Swipe Location   \* = Contact Dose Rate mrem/hr   △ = Air Sample Location   LAS = Large Area Swipe  
 All dose rates in mrem/hr unless otherwise noted   All contamination is dpm/100 cm<sup>2</sup> unless otherwise noted

Air Sample
<b>Model: Radeco</b>
<b>Serial No.: 1245 XCA</b>
<b>Start LPM: 75</b>
<b>Stop LPM: 75</b>
Radiation Survey Meter
<b>Model: Bicron Micro-R</b>
<b>Serial No.: CMC007845</b>
<b>Cal Due: 1-1-20x2</b>
<b>Background: 0.01 mR/hr</b>

Contamination Survey Meter
<b>Model: Ludlum Model 12 w/489-110C</b>
<b>Serial No.: CMC009665</b>
<b>Cal Due: 1-1-20x2</b>
<b>Notes:</b>
<b>Background: 30 cpm</b>
<b>No Detectable alpha contamination and no detectable airborne radioactivity.</b>

Smear #	Net CPM	dpm	Smear #	Net CPM	dpm
1	0	<1K	10	1000	10,000
2	0	<1K	11	0	<1K
3	0	<1K	12	0	<1K
4	10	<1K	13	0	<1K
5	70	<1K	14	20	<1K
6	1000	10,000	15	80	<1K
7	0	<1K	NA	NA	NA
8	800	8000	NA	NA	NA
9	900	9000	NA	NA	NA