

Tritium Laboratory
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COURTESY SWAB REPORT #340

SWAB DATE: 30 May 2003

NBP Radioisotope Van

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Distribution:
SWAB COMMITTEE
Robert Kluckholn

REPORT FOR COURTESY SWAB # 340

LOCATION : Port Heuneme, CA
 TECHNICIAN: Robert Kluckhohn, Raytheon
 VESSEL/LAB: NBP Radioisotope Van (NSF#04582)

DATE : 30 May 2003
 STATUS: The Radioisotope Van,
 NSF# 04582 is mildly
 contaminated with tritium

SAMPLE #	SAMPLE IDENTIFICATION	NET ACTIVITY EXTRACTED	
		³ H dpm/m ²	¹⁴ C dpm/m ²
1	Machine blank	-	-
2	Initial bucket blank (C.O.#2)	0	0
3	Inside fume hood	261	0
4	Deck in front of fume hood	599	0
5	Middle of deck, fwd	1,442*	0
6	Middle of deck, aft	1,457*	0
7	Deck inside van entrance	569	0
8	Refrigerator: top coils, tray, door	1,372*	0
9	Refrigerator: bottom and back	153	0
10	Stbd benchtop fwd of sink	0	0
11	Stbd benchtop aft of sink	211	0
12	Port benchtop, fwd	78	0
13	Port benchtop, aft	117	0
14	Final bucket blank	0	0

COMMENTS

The Radioisotope Van NSF0 4582 is mildly contaminated with tritium, but no radiocarbon was present. The amounts measured are consistent with rad van usage. No action is necessary, however, the van should be used for no other purpose other than Radioisotope work.