

Tritium Laboratory
March 3, 2009

SWAB REPORT #510
SWAB DATE: 25 February 2009

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Distribution:
SWAB COMMITTEE
Gary Lain

REPORT FOR SWAB # 510

LOCATION: Punta Arenas, Chile
 TECHNICIAN: Cecilia Roig
 VESSEL/LAB: R/V ROGER RANDALL REVELLE

DATE: 25 February 2009
 STATUS: All areas tested
 on ship were free of radio-
 isotope spills.

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. #1	0	0
<u>Hydro Lab (See Figure 1)</u>			
3	Benchtop aft of sink	0	0
4	Port sink area	0	0
5	Benchtop fwd. of port sink	0	0
6	Deck in front of port sink	9	0
7	Fwd. center benchtop	0	0
8	Inside fume hood	0	0
9	Stbd. sink area	4	0
10	Deck in front of fume hood	0	0
11	Deck in front of aft door	17	0
12	Benchtop aft of stbd. sink	0	0
<u>Wet Lab (See Figure 1)</u>			
13	Inside fume hood	0	0
14	Sink area	0	0
15	Benchtop aft of sink	0	0
16	Melted water inside Cospolich top	4	0
17	Inside Cospolich bottom	0	0
18	Deck inside aft entrance	48	0
19	Deck inside port entrance	9	0
20	Deck in front of fume hood	17	0
21	Intermediate bucket blank	0	0
22	Staging bay	0	27
<u>Main Lab (See Figure 2)</u>			
23	Aft freezer top	67	0
24	Aft freezer bottom	0	0
25	Deck in front of freezer	0	0
26	Deck inside aft door	24	0
27	Inside fume hood	0	0
28	Stbd. sink area	0	0
29	Benchtop fwd. of stbd. sink	0	0
30	Port sink area	58	4
31	Deck inside fwd. port door	0	0
32	Fwd. center benchtop	0	0
33	Deck inside middle door	0	0
34	Bench near spill supply cabinet	9	0
35	Top of -80 freezer	0	0
36	Final bucket blank C.O. #1	24	0

SAMPLE #	SAMPLE IDENTIFICATION	NET ACTIVITY EXTRACTED	
		³ H dpm/m ²	¹⁴ C dpm/m ²
<u>Bio/Analytical Lab (See Figure 2)</u>			
37	Initial bucket blank C.O. #2	0	0
38	-80 Revco freezer	0	0
39	Fwd. sink area	0	0
40	Cospolich freezer	35	0
41	Deck in front of fwd. sink	0	0
42	Deck inside stbd. doors	0	0
43	Inside fume hood	0	0
44	Aft sink area	0	0
45	Deck inside aft doors	0	0
46	Deck in front of fume hood	0	0
<u>Dark Room (See Figure 2)</u>			
47	Benchtop next to sink	14	0
48	Deck inside stbd. door	0	6
<u>Scientific Storage (See Figure 2)</u>			
49	-80 Sanyo freezer top	0	0
50	-80 Sanyo freezer bottom	0	0
51	Deck outside doors to Staging Area	8	0
<u>Climate Control Chambers (See Figure 2)</u>			
52	Deck inside fwd. chamber	0	0
53	Deck inside aft chamber	0	6
54	Deck in vestibule to chambers	0	0
55	Final bucket blank C.O. #2	0	0