

INTEGRATED ENVIRONMENTAL MANAGEMENT, INC.
RADIOLOGICAL SURVEY FORM

Survey Number 082109-001

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8/21/09

Instrument/SN:	Calibration Due:	Site Name: <u>DORF</u>	Date:	Time: <u>1100</u>
Instrument/SN	Calibration Due:	Location: <u>Loading dock area</u>		
Instrument/SN <u>Ludlum Model 2241V</u> <u>#4410 #143562</u> <u>#151704</u>	Calibration Due: <u>2/18/10</u>	Purpose: <u>Scans of cores from Exposure Room</u>		
Survey Performed By (Print): <u>R. Alan Duff</u>		Survey Performed By (Signature): <u>[Signature]</u>		
<input checked="" type="checkbox"/> Battery OK	<input checked="" type="checkbox"/> HV OK	<input checked="" type="checkbox"/> Source Check OK	Grid Dimensions: <u>N/A</u> x <u>A</u> <input type="checkbox"/> meters <input type="checkbox"/> inches <input type="checkbox"/> feet <input type="checkbox"/> centimeters	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1																										
2	performed scans of all cores collected in the exposure room																									
3	w/ 2" x 2" NAI probe "on contact" with each core in a																									
4	low background area at the Bldg. 516 loading dock. (Bkgd = 8000 cpm)																									
5																										
6	For cores W-1 through W-14 (walls), C-1 through C-3 (ceiling)																									
7	and F-1 through F-3 (Floor), All cores measured ~1000 cpm																									
8	above background with the probe in the top 0"-2"																									
9	(i.e. nearest to the wall/ceiling/floor surface). As you scanned																									
10	away from the top 2", the readings returned to background.																									
11																										
12	For the cores in the former pool area, Pool-1 through																									
13	Pool-4, none of the cores measured above background																									
14	with the exception of Pool-3, which measured ~1000 cpm																									
15	above background at a point estimated to be the former																									
16	pool's East wall (core showed a flat, smooth surface there,																									
17	covered with black "glue" where cladding was formerly																									
18	attached to the pool wall). The readings were similar																									
19	to the other exposure room cores on Pool-3 in that																									
20	the readings were only above bkgd. in a 0"-2" section																									
21	of the core.																									
22																										
23																										
24																										
25																										

Notes: