

ATTACHMENT 1

ANALYSIS OF THE BUILDING INFLUENT AIR FILTER

# FORM I SAMPLE RESULTS

Date: 28-Sep-04

**Lab Name:** STL Richland      **SDG:** 26744      **Collection Date:** 7/20/2004  
**Lot-Sample No.:** J4H230146-1      **Report No.:** 26733      **Received Date:** 8/23/2004 10:00:00 AM  
**Client Sample ID:** GG07204-11      **COC No.:**      **Matrix:** SOLID  
 Round 2 of Round 1 samples      Ordered by Client Sample ID, Batch No.

Parameter	Result	Qual	Count Error (2 s)	Total Uncert( 2 s)	MDC MDA, Action Lev	Rpt Unit, Lc	Yield CRDL(RL)	Rst/MDC, Rst/TotalCert	Analysis, Prep Date	Total Sa Size	Aliquot Size	Primary Detector
Batch: 4237568 RAD-USO BY ALPHA      Work Order: GNPk71AC      Report DB ID: 9GNPK710												
URANIUM 233/234	1.66E-01	J	1.05E-01	1.11E-01	6.06E-02	pCi/g	78%	(2.7)	9/14/04 03:10 p	1.0	1.0	ALP83
								(3.)		9		
URANIUM 235/236	0.00E+00	U	0.00E+00	4.08E-02	4.51E-02	pCi/g	78%	0.	9/14/04 03:10 p	1.0	1.0	ALP83
								0.		9		
URANIUM 238	1.66E-01	J	1.05E-01	1.11E-01	4.51E-02	pCi/g	78%	(3.7)	9/14/04 03:10 p	1.0	1.0	ALP83
								(3.)		9		

Work Order: GNPk71AA      Report DB ID: 9GNPK710      Ratio U-234/238 = 1.0												
Batch: 4237570	RICHRCS011											
THORIUM 228	1.80E-01	J	1.41E-01	1.44E-01	1.33E-01	pCi/g	63%	(1.4)	9/13/04 01:38 p	1.06	1.06	ALP113
								(2.5)		9		
THORIUM 230	9.32E-02	U	1.00E-01	1.02E-01	1.30E-01	pCi/g	63%	0.72	9/13/04 01:38 p	1.06	1.06	ALP113
								(1.8)		9		
THORIUM 232	1.20E-01	J	1.12E-01	1.14E-01	1.20E-01	pCi/g	63%	(1.)	9/13/04 01:38 p	1.06	1.06	ALP113
								(2.1)		9		

No. of Results: 6      Comments:

STL Richland      MDC|MDALc - Detection, Decision Level based on instrument background or blank, adjusted by the sample Efficiency, Yield, and Volume.  
 rptSTLRechSample      J Qual - No Uf< qualifier has been assigned and the result is below the Reporting Limit, RL (CRDL) or Report Value is Estimated.  
 V4.9.3 A97      U Qual - Analyzed for, but the result is less than the Mdc/MdalTotal Uncert or gamma scan software did not identify the nuclide.