

Discussion of the NPL Environmental PTE 2009



Chris Gilligan
NPL Workshop
27 January 2009

Contents

- Timetable
- Sample types & Nuclides
- Price
- Workshop / Report
- Questions? Feed back



Timetable

2008 PTE

September 08	Dispatch
01 December 08	Submission of Results
27 January 09	Workshop at NPL
February 09	Report

2009 PTE

September 09	Dispatch
20 November 09	Submission of Results
20 January 10	Workshop at NPL
February 10	Report



Sample types

2008 PTE

AH & AL	1-20 Bq g ⁻¹	1-20 Bq kg ⁻¹
GH & GL	1-20 Bq g ⁻¹	1-20 Bq kg ⁻¹
B1	0.1 - 2 Bq g ⁻¹	
B2	0.1 - 2 Bq g ⁻¹	
Concrete	0 - 10 Bq g ⁻¹	

2009 PTE

AH & AL
GH & GL
B1
B2
Synthetic Sand (Gamma emitters)



Nuclides

2008 PTE

AH & AL	^{226}Ra , ^{237}Np , $^{\text{nat}}\text{U}$, ^{238}Pu , ^{239}Pu , ^{241}Am , ^{244}Cm
GH & GL	^{22}Na , ^{60}Co , ^{95}Zr , ^{95}Nb , ^{133}Ba , ^{134}Cs , ^{137}Cs , ^{152}Eu
B1(basic)	^3H , ^{14}C , ^{99}Tc
B2(acidic)	^3H , ^{55}Fe , ^{63}Ni , ^{90}Sr
Concrete	^3H , ^{60}Co , ^{133}Ba , ^{152}Eu , ^{154}Eu

2009 PTE

AH & AL	^{210}Pb (^{210}Po), ^{228}Th , ^{232}Th , ^{238}Pu , ^{239}Pu , ^{241}Am
GH & GL	^{60}Co , ^{134}Cs , ^{137}Cs , ^{152}Eu , $^{166\text{m}}\text{Ho}$
B1(basic)	^3H , ^{125}I , ^{129}I
B2(acidic)	^3H , ^{89}Sr , ^{90}Sr
Synthetic Sand (Gamma emitters)	

Cost



2008 PTE

£250 per sample
£125 participation fee

2009 PTE

£350 per sample?
£0 participation fee?

£275 per sample?
£150 participation fee?

More participants –lower cost!
Maintain or increase NMS funding?

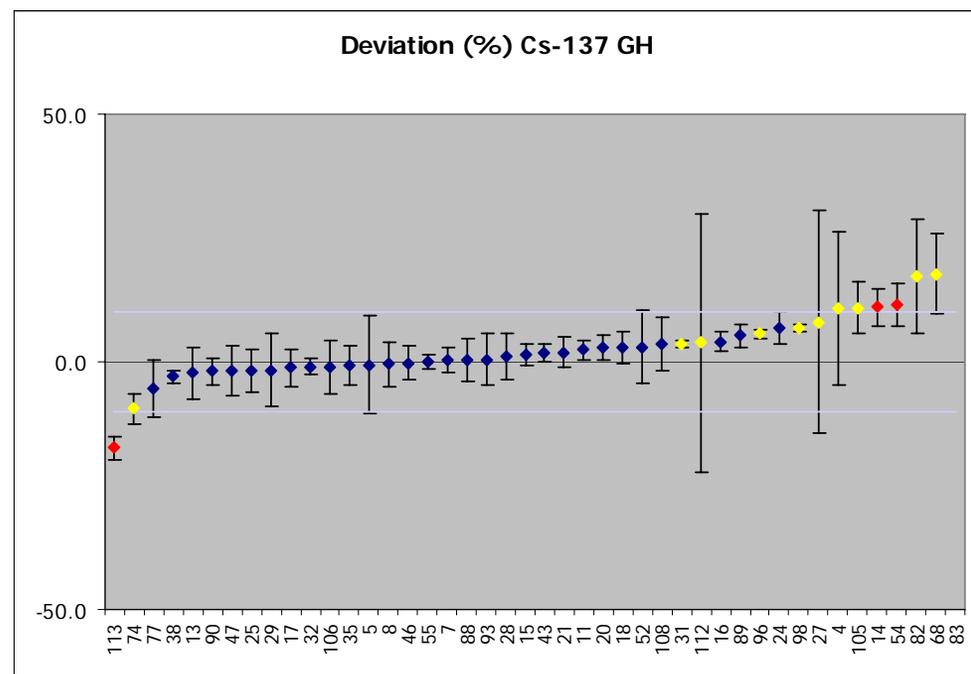
Workshop 2009 PTE

Wednesday 20 January 2010?

Results before the meeting?

Content of the meeting?

Content of the Report?



Summary

- Timetable
- Sample types & Nuclides
- Price
- Workshop / Report
- Questions & Feed back please!

