

Fingerprinting and Barcoding



January 7th, 2005

Queens College, Cambridge
www.quns.cam.ac.uk

The control of pollution gross incidents by sight and smell is now well established and the use of laboratory analysis of samples is a strong support for regulatory control. The problem is that it is not always easy to determine, without legal doubt, the source of the pollution. This Workshop explores the use of techniques already used in other applications to see if audit trails can be established for both polluting substances and also recycled materials such as bio-solids.

Chair; **Dr John Saffell, Alphasense**

9.30 am Coffee & registration

10.00 am DNA bar coding: recent patent and its exploitation

Jon White, NIAB, Cambridge

10.30 am DNA as an invisible label

Dr Jonathan Cox, University of Bath

11.00 am Coffee

11.20 am Fingerprinting with isotope ratios

Chris Jones, Northumbrian Water

11.50 am Organic fingerprinting by fluorescence characterisation

Dr Andy Baker, University of Birmingham

12.10 pm Water security – a contaminated solution?

Andrew Palmer, Censar Technologies

12.40 pm Discussion & Lunch

1.30 pm Faecal sewage contamination tracing

Dr Andrew Ball, University of Essex

2.10 pm Spectral analysis ideas

Bob Davison, Environment Agency

2.40 pm Forum – is there a need for follow up actions?

The cost of attending the Workshop is £60 inc VAT for members and £95 inc VAT for non-members. Cheques should be made payable to SWIG and sent to: SWIG, 27 West Green, Barrington, Cambridge, CB2 5RZ Tel/Fax 01223870967 email michaeljscott@compuserve.com Literature may be distributed for a fee of £50 and a limited number of table top displays are available at £100 each

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