# Volatile Organic Compounds (VOCs) – how to ensure these hazardous gases do not make your project more expensive



20 November 2009, London

**DAVIS LANGDON CROSHER & JAMES** 





## Background

Over the past decade considerable advances have been made in the assessment and management of risks associated with land contamination. Hazardous gases such as Volatile Organic Compounds (VOCs) continue to impact many sites, including those which have residential developments. This can lead to acute and chronic health problems, odour, flammable and explosive hazards.

Assessment for such gases is essential to many brownfield projects and, as money is short for a lot of developers these days, selecting an effective way to deal with the site when the level of VOCs is found to be unacceptable is very important.

The event will outline issues in the first UK guidance on the assessment of VOCs (CIRIA forthcoming report, C682 *The VOCS Handbook, investigating, assessing and managing risks from inhalation of VOCs at land affected by contamination*). It will also compare and contrast the sampling techniques used in US and UK experience. This seminar will explore the different options available to deal with these hazardous gases when levels are found to be unacceptable.

To save you time, these seminars will also be available to view on WebEx\*

### Who should attend?

Consultants, contractors, clients, local authorities and other regulators who are involved in the assessment, remediation, mitigations and regulations of VOCs generated from ground. This will also involve people working in the petrochemical and chemical industries.

#### Programme

- 12.00 Lunch and registration
- 12.30 Chairman's introduction
- 12.45 UK good practice to assess risk of VOCs
- of 13.35 Questions and discussion 14.00 Close

13.15 Mitigate or remediate?

Jeremy Birnstingl, REGENESIS Ltd

Katy Baker, Arcadis

13.05 Sampling techniques for VOCs US vs UK practice Matthew Lahvis, Shell Global Solutions (UK)

\*WebEx is a web conferencing service that will allow you to view, listen and participate in presentations and seminars on the internet:

Please visit: http://www.webex.co.uk/?DCMP=OTC-FromGP

CIRIA recommends this workshop for 1 hour towards CPD requirements with the ICE, CIOB, RIBA & RICS, CIBSE, IstructE

#### CPD

This course has a value of **1** hour towards your CPD

#### Venue

CIRIA Classic House 174-180 Old Street London EC1V 9BP

#### **Course fees**

Brownfield Risk Management Forum (BRMF) members/Local Authority Contaminated Land Network (LACL) members **Free** 

### **Non-members**

Attending the event £99.00 +VAT (£113.85)

Viewing the event via WebEx £65 +VAT (£74.75)

#### How to book

Register and book online at www.ciria.org

Complete and fax to CIRIA on: +44(0)20 7253 0523

or post to

CIRIA Classic House 174-180 Old Street London EC1V 9BP

# **Booking form** Volatile Organic Compounds (VOCs) - how to ensure these hazardous gases do not make your project more expensive

20 November 2009, London (E9511)

Email		
Title First name	_ Surname	
Job title		
Company name		
Address		
	Post code	
Tel	Fax	
Company's main activity		
Payment and information details Please tick one of the following:		
<ul> <li>□ FREE (I am a BRMF/LACL member)</li> <li>□ Non member £99 +VAT£99 + VAT (£14</li> <li>□ Non member £65 + VAT (£9.75)</li> </ul>	4.80) <b>Total: £113.85 (attending)</b> Total £74.75 (WebEx)	
Please debit my card Amex 📋 Visa 🛄 Mastercard 🛄		
Card no		
Expiry date Security code		
Name of cardholder		
Address of cardholder (if different from co	ompany address	
Signed Da	te	
Additional delegate(s): Please photocopy this form for ea	ach additional delegate.	
Please complete this form and fax it to our Events team on +44 (0)20 7253 0523 or mail it to CIRIA, Classic House, 174–180 Old Street, London EC1V 9BP or register online: www.ciria.org		

#### **Terms and Conditions**

Please visit: www.ciria.org for details of our terms and conditions which will apply.

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#### About CIRIA

CIRIA is a member-based, notfor-profit organisation which has, over the past 13 years, published extensively on contaminated land issues.

#### About CIRIA's Brownfield Risk Management Forum

This CIRIA forum aims to:

- encourage cross-sector communication and learning between the technical, financial and legal professionals involved in Brownfield projects
- encourage sustainable and good practice in procurement of Brownfield projects in UK
- improve the way that risk is managed in Brownfield projects

#### **Further information**

For further information on CIRIA membership, outputs and programmes, please contact the events team at:

Web:	www.ciria.org
Email:	enquiries@ciria.org
Fax:	020 7253 0523
Tel:	020 7549 3300