

REGISTRATION FORM

Please return completed form to: Maggi Churchouse, 3 East Barn,
Market Weston Road, Theletham, Diss IP22 1JJ, UK
Fax: +44 (0)1359 221004

Title	First Name
-------	------------

Surname

Organisation

Address

Tel	Fax
-----	-----

E-mail

Do you have any special dietary or other needs? (please circle) Yes /No

If yes, please specify

I am a member* of (please circle) RSC SCI IWO

REGISTRATION FEES

Members *	<input type="checkbox"/>	Pounds sterling only
Non-members	<input type="checkbox"/>	£350 + VAT (£411.25)
Exhibitor	<input type="checkbox"/>	£400 + VAT (£470.00)
Proceedings of 2008 conference	<input type="checkbox"/>	£750 + VAT (£881.25)
Proceedings of 2005 conference	<input type="checkbox"/>	£40 (no VAT)
Proceedings of 2008 & 2005 conference	<input type="checkbox"/>	£50 (no VAT)
	<input type="checkbox"/>	£75 (no VAT)

Details of nearby hotel accommodation may be found on our website

REGISTRATION PAYMENT

Either register online at www.soci.org/events using a payment card**

<u>Or</u> enclose a cheque made payable to SCI for (only pounds sterling accepted)	£
--	---

* Member means Registered Member of RSC, SCI or IWO

** We accept MasterCard, Visa, AmEx, Switch, and Delta payment cards

Note: These special prices for proceedings are only available when booked with registration



Water Contamination Emergencies: Collective Responsibility

The Royal Society of Medicine,
London, UK
7th-8th April 2008

Exhibition

Exhibition space is 2 m x 3 m, and costs £750 + VAT. Cost includes one delegate with full attendance, access to an electrical point, and table with cloth. Booking forms are available from the Secretariat. As space is limited, stands will be allocated on a "first come, first served" basis.

Poster Session

Posters are welcomed on conference related topics - please obtain a pro forma from the Secretariat. A prize will be available for best poster. Closing date is 15th February 2008.

Organising Committee

Dr John Gray, Chairman
Adrian Clark, Dstl
Dr John Farmer, SCI
Martin Furness, Consultant
Simon Gillespie, Scottish Water
Michael Scott, SWIG
Steve Scott, Consultant
Prof Clive Thompson, ALcontrol Laboratories
Tim White, Marquis and Lord

Principal Sponsors

RSC - Water Science Forum
SCI - Environment Group
IWO

Proceedings

Proceedings for both this and previous conference may be ordered with registration at special prices - see registration form.

Financially supporting

sponsors include:
ALcontrol Laboratories
Anglian Water
Bournemouth & W Hampshire Water
Marquis and Lord
Northern Ireland Water
Sandia National Laboratories
Scottish Water
Severn Trent Water
Thames Water
Three Valleys Water
Water Direct
Watermills Ltd
Wessex Water
Yorkshire Water

Non-financially supporting

sponsors include:
CIEH
CIWEM
Drinking Water Inspectorate
Environment Agency
SIESO
SWIG
Veolia Water
Water UK

RSC | Advancing the
Chemical Sciences

SCI
where science meets business

iwo
connecting people
in the water industry

VAT No. 673 181 235GB
UK VAT = 17.5%

Introduction

This is the third of a linked series of international conferences. The first, "Water Contamination Emergencies: Can we cope?" in March 2003, concluded that the UK Water Industry was well positioned to deal with typical emergencies. The second, "Water Contamination Emergencies: Enhancing our response", drew on developing expertise, particularly in analysis and emergency planning within an international focus on possible malicious acts of contamination. The third, "Water Contamination Emergencies: Collective Responsibility", seeks to encourage global sharing of any lessons learnt and collaborative research leading to the adoption of best practice.

Conference Objectives and Themes

- target in-use and leading edge technologies
- share best practice in terms of operational procedures and security
- promote networking amongst experts
- identify collaborative and focussed research opportunities
- enhance cohesive plan development and inter-agency working
- gain common understanding of risk assessment and communication
- learn from real emergencies and planned exercises and highlight training needs ... so that all organisations with responsibilities in the field of **Water Contamination**, including CBRN incidents, continue to show effective preparedness.

Target Audience

This conference will deal with preparedness and possible CBRN (chemical, biological, radiological and nuclear) incidents.

It will be of strategic, tactical and operational interest to civil contingency organisations, emergency planners, health professionals and associated organisations, local authorities, regulators, service and support providers, detection equipment suppliers, disaster recovery specialists, remediation companies, research organisations and water companies.

Plenary Session

Monday 7th April

- 9.00 am Registration and refreshments
10.00 am Introduction, Themes and Objectives - *John Gray, formerly DWI*
10.10 am Opening remarks - *Gordon Nichols, Deputy Director, Environmental & Enteric Diseases Department, HPA Centre for Infection*

Track 1 - Operations

Session 1 - Planning and Preparedness

- 10.40 am Australian perspective
Konrad Gill, Water Sector Infrastructure Assurance Advisory Group WS-IAAG
11.15 am Dutch perspective
Joep Blenkens, VROM - Inspectie, Regio Oost
11.50 am Principles and strategy by utilities for drinking water preservation: an international co-operation through the W-Smart association
Bruno Nguyen, W-Smart
12.25 pm Managing a water supply security event: transitioning from local safety to national security
Patrick Bettane, The Hebrew University of Jerusalem
1.00 pm Lunch, poster and exhibition viewing

Session 2 - Security and Initial Responses

- 2.10 pm Consequence management within the EPA's water security initiative (formerly WaterSentinel)
Brian Pickard, USEPA
2.45 pm Physical site security
Jim Foster, DWI
3.20 pm Refreshments
3.50 pm Let's get real: real world experiences with real-time online monitoring for security and quality. Detecting and responding to events
Dan Kroll, Hach HST
4.25 pm Evaluating the impact of incidents: a learning approach for operations and asset management
Roland A Bradshaw, Water Utility Structure, Cranfield University
5.00 pm Drinks reception, poster and exhibition viewing
6.30 pm Close

Tuesday 8th April

- 8.30 am Registration

Session 3 - Incident Management and Aftermath

- 9.00 am A simulation tool for contaminant warning system design and evaluation
Wayne Einfeld, Sandia National Laboratories
9.35 am Modelling the CBRN threat - application to water contamination
Rob Gordon, RiskAware Ltd
10.10 am Refreshments
10.40 am To be confirmed - *To be confirmed*
11.15 am Decontamination of post-service connections
Stephen Treado, NSIT
11.50 am Decontamination/inter-agency response with water focus - *To be confirmed*
12.25 pm Integrated major incident management - *Anthony Rowe QPM, retired, formerly Metropolitan Police Services, and London Ambulance Service*

Plenary Session

See Column 1

Track 2 - Information and Data Management

Session 1 - Planning and Preparedness

- 10.40 am Experience with vulnerability assessments
Jeff Danneels, Sandia National Laboratories
11.15 am Risk-based approaches to water quality management: integrating public health metrics in water safety planning
Guy Howard, Department for International Development (DfID)
11.50 am To be confirmed
Quincy Lissaur, BSI
12.25 pm Development of an online ATP monitor for drinking water protection
Joep Appels, microLAN
1.00 pm Lunch, poster and exhibition viewing

Session 2 - Security and Initial Responses

- 2.10 pm Sensitive, selective and simple - UV-spectrometry for contaminant alarm systems
Andreas Weingartner, s:can
2.45 pm Q TRAP® LC/MS/MS system for the direct and rapid detection of trace organic contaminants in domestic water supplies
Michael Baynham, Applied Biosystems
3.20 pm Refreshments
3.50 pm Field detection of biological agents
David Squirrell, Enigma Diagnostics
4.25 pm Optimisation of NMR methodology for non-targeted detection of water contaminants
Adrian Charlton, CSL
5.00 pm Drinks reception, poster and exhibition viewing
6.30 pm Close

Tuesday 8th April

- 8.30 am Registration

Session 3 - Incident Management and Aftermath

- 9.00 am Water contamination: a co-ordinated response
Helen Clay-Chapman, Three Valleys Water
9.35 am Radioactivity
John Cobb and Helen Griffiths, AMEC Nuclear UK Ltd
10.10 am Refreshments
10.40 am Rapid methods
K Clive Thompson, ALcontrol Laboratories
11.15 am Processing and databasing spectroscopy and its use in the elucidation of unknowns
Peter Russell and Ian Peirson, Advanced Chemistry Development
11.50 am Radioactivity issues and the new Green Book
Joanne Brown, HPA
12.25 pm Robust online TOC monitor
Erin Milks, GE Analytical Instruments

- 1.00 pm Lunch, poster and exhibition viewing

Session 4 - Risk Management: are we sharing?

- 2.10 pm Best Practice - *Keith Weston, UK Defence Academy*
3.00 pm Lessons learned in major contamination incidents - *Martin Furness, consultant*
3.50 pm The way forward - *John Gray, formerly DWI*
4.30 pm Close

Plenary Session

See Column 1

Track 3 - Communications

Session 1 - Planning and Preparedness

- 10.40 am UK emergency planning
Paul Fenton, Southern Water Services Ltd
11.15 am Scottish waterborne hazard plan
Margaret McGuinness, Scottish Water
11.50 am Role of MoD CTSTC
Helen Almey, Counter Terrorism Science and Technology Centre, Dstl
12.25 pm Research related to the water security initiative
Kim Fox, US EPA
1.00 pm Lunch, poster and exhibition viewing

Session 2 - Security and Initial Responses

- 2.10 pm Early warning and reports
Virginia Murray, CHaPD, HPA
2.45 pm OK, we've got a problem, so who do we tell? Inter-agency communications - a water company view
Dave Woolloff, Yorkshire Water
3.20 pm Refreshments
3.50 pm A case of human anthrax in Scotland - a multi-agency challenge in consequence management
Colin Ramsay, Health Protection Scotland
4.25 pm To be advised
Graham Lloyd, HPA Emergency Response Team
5.00 pm Drinks reception, poster and exhibition viewing
6.30 pm Close

Tuesday 8th April

- 8.30 am Registration

Session 3 - Incident Management and Aftermath

- 9.00 am Scientific and technical advisory cells - the challenge of getting timely public health advice to multi-agency frontline responders
Rob Carr, HPA West Midlands
9.35 am Communicating with the public during water contamination events: addressing vulnerable populations
Phyllis A Nsiah-Kumi, University of Nebraska Medical Center
10.10 am Refreshments
10.40 am Medical preparedness for water contamination events
Patricia Meinhardt, Center for Occupational and Environmental Medicine
11.15 am Liability and blame in the aftermath: a lawyer's view
Mark Scoggins, Fisher Scoggins LLP
11.50 am Keeping the public on-side and maintaining reputation
John Shaw, UPM
12.25 pm Risk management
Brian MacGillivray, Lancaster University