



**CIWEM -
SCOTTISH BRANCH &
SCIENTIFIC COMMITTEE**

The Use and Practice of Membranes in Water and Wastewater Treatment in the UK

Tuesday 17th January 2006, 10.00-16.00

Venue – Conference Room C, Scottish Water, 419 Balmore Road, Glasgow G22 6NU

This event can be considered for contributing to a recognised Continuing Professional Development (CPD) scheme. The CIWEM CPD scheme has an average requirement of 30 hours per year. Attendance certificates can be provided on request.

Background

In the last decade it has become common practice for water treatment design to incorporate membranes, in particular to address the issue of cryptosporidia. Furthermore, in recent years environmental pressures have encouraged the move to install membranes as part of wastewater treatment.

This seminar will give delegates the chance to review experiences when installing new membrane plants and identify future use.

Scottish Water is a publicly owned body formed on 1st April 2002 and replacing East of Scotland Water, North of Scotland Water and West of Scotland Water. Scottish Water has a large capital programme to improve water and wastewater services throughout Scotland.



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Outside Scotland, the English and Welsh water companies have increasingly stringent standards imposed on them and are also incorporating membranes in many treatment plants.

The presentations in this seminar are aimed at showing the continual improvement process in relation to membranes and shall provide examples of successful installations of this technology.

Places are available for this event at a cost of £50 per delegate.

Note that places are strictly limited, please confirm booking on the attached form by 10th January 2006.

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Time	Description
9.30 - 10.00	Registration of Delegates Tea/Coffee and Biscuits in Conference Dining Area
10.00 - 10.15	Welcome & Meeting Information
10.15 - 10.45	End User Experience of Membrane Installation, Scottish Water Experience in Membranes - Graham James and Stephen Sandilands, Scottish Water
10.45 - 11.15	Scottish Water Solutions Involvement in Delivering Best Options for Water Treatment in Scotland - Alan Green, Scottish Water Solutions
11.15 - 11.30	Coffee Break
11.30 - 12.00	Design and Build of a Membrane Plant for a Borehole Supply - Peter Hillis, United Utilities
12.00 - 12.30	Operating Experiences With Yorkshire Water's UF Membrane Plants - Rosemary Smith, Yorkshire Water
12.30 - 13.00	Questions
13.00 - 13.45	Lunch Break Buffet lunch
13.45 - 14.15	MBR Membranes in Wastewater - Simon Judd, Cranfield University
14.15 - 14.45	MBR at Bruxton Wastewater Plant - Richard Smith, Severn Trent
14.45 - 15.00	Coffee Break
15.00 - 15.30	Membranes in Wastewater Plants in Scotland - Derek Rodman, Naston
15.30 - 16.00	Questions and Close of Seminar

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Booking Form

Forms should be returned to Neil Plane, Turriff Water Treatment Works, Shandscross, Turriff, Aberdeenshire AB53 5QT. Please return forms no later than 10th January 2006.

Contact Neil Plane with any queries – Tel 01224 675775 / 07875 873428 or email neil.plane@scottishwater.co.uk

The cost for attending this event is £50 per delegate, please make cheques payable to “CIWEM”. Fee includes tea/coffee and lunch.

SURNAME: Mr, Mrs, Ms, Dr, Prof* (*delete as appropriate)

FIRST NAME:.....

ORGANISATION:.....

ADDRESS (to include full postal code)

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TEL:..... FAX:.....

E-MAIL:.....

Signature: Date:.....