

# Endocrine disruptors

11<sup>th</sup> May, Silsoe Research Institute  
Wrest Park, Beds, MK45 4HS  
www.sri.bbsrc.ac.uk



Endocrine disrupting effects in the environment are getting a much higher profile since the publication of several papers indicating physiological changes in fish in rivers. Natural and synthetic chemicals released in discrete and diffuse discharges to river are generally blamed for these effects, although in many cases the scientific evidence is not robust. Measurement of these chemicals, which tend to be complex and numerous, is challenging, given the substrates in which they are found. There is also little known about the ability of treatment processes to remove or degrade these chemicals. The challenge for the industry is to reduce the impact of these chemicals and to be able to demonstrate this effect. DEFRA and the EA are currently negotiating with the Water Industry on how this challenge might be met in the AMP 4/AMP 5 period. This workshop will outline the environmental, process and measurement issues that face the industry in meeting this challenge.

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Chairman: **Dr Issy Caffoor, Yorkshire Water**

09:30 am Registration and coffee

10:00 am A policy view **Dr Mike Roberts, DEFRA**

10:30 am The Environment Agency's approach.  
**Terry Long, Environment Agency**

11:00 am Coffee

11:20 am The process challenges. **Tony Butwell, WRc**

11:50 am The water company's views **Howard Brett, Thames Water**

12:20 pm Detection limits and measurement quality **Rakesh Kanda, WRc**

12:50 pm Discussion & Lunch

13:45 pm Dip stick assays for oestrogenic steroids  
**Prof Fred Rowell & Dr Carolyn Taylor, University of Sunderland**

14.15 pm EDC detection **Bart van der Brug, Biodetection Systems b.v.**

14.45 pm Making immunodiagnosics work for the Water Industry.  
**Prof Colin Self, Newcastle University**

15:15 pm Discussion and Conclusions

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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](mailto: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

You can pay by Visa, Mastercard, VISA Delta, Switch, JCB, Solo, Maestro