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Subject Workshop on biomonitoring, 16-17 February, 2004
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Our reference

Dear colleague,

It is our pleasure to invite you to take part in the workshop "On-line Biomonitoring", organised by Kiwa Water Research, several Dutch Water Companies and RIZA on February 16-17, 2004, in Nieuwegein, The Netherlands.

The main goals of this workshop are:

1. to establish an overview of monitoring ambitions, to identify the legal basis for biomonitoring according to the European Drinking Water Directive and Water Framework Directive, and to gain more insight in the methods for standardisation of results;
2. to present an overview of the current (technological) (im)possibilities that biomonitoring offers to fulfill these needs.

With this symposium of two half days (Monday afternoon of February 16th and Tuesday morning of February 17th) we want to try and identify how big the gap between monitoring ambitions and the 'scientific status' of on-line biomonitoring is, also in order to create a better understanding between managers and technicians. Next, we want to identify actions to close the gap. As a case study we want to discuss the validation and operation of the on-line *Daphnia*-toximeter.

The programme of the workshop is as follows (speakers are all but one confirmed):

Monday, February 16th:

12.00-1300 Lunch & registration
13.00-13.15 Introduction to the workshop (Chairman Henk Ketelaars, WBE, NL)
13.15-14.45 Michel Gibert (Anjou, F):
Regulatory basis for on-line monitoring in water (European Drinking Water Directive and Water Framework Directive)
14.45-15.15 Anders Lynggaard-Jensen (convenor of ISO TC 147, DK):
ISO 15839: possibilities and pitfalls
15.15-15.30 coffe-break
15.30-16.00 Peter Diehl (Rheingütestation Worms, D):
On-line biomonitoring in Germany: an overview
16.00-16.30 Jaap van Steenwijk (RIZA, NL):
Strategy of RIZA concerning bio-alarms
16.30-17.00 Discussion in small groups
17.00-17.45 Plenary discussion and wrap up of day 1
18.00 Visit to the intake monitoring station of Het Waterlaboratorium and diner

Tuesday, February 17th:

- 9.00-9.05 Welcome to the second day (Chairman: Michel Gibert, Anjou, F)
- 9.05-9.30 Corina de Hoogh (chairman Dutch Steering group on biomonitoring, NL):
On-line biomonitoring initiatives of the Dutch water companies
- 9.30-10.00 Gary O'Neill/Catherine Ridsdale (Yorkshire Water, UK):
On-line biomonitoring using the Daphnia-toximeter and other initiatives in the UK (to be confirmed)
- 10.00-10.30 Michael Lechelt (Behörde für Umwelt und Gesundheit, D):
EASE project along the river Elbe
- 10.30-10.45 Coffe break
- 10.45-11.15 Arco Wagenvoort (Water company Europoort, NL):
Case-study: validation of the BBE Daphnia-toximeter
- 11.15-11.45 Discussion in groups
- 10.45-12.30 Final plenary discussion: how big is the gap between ambition and reality?
- 12.30-13.30 Lunch (and closing of the workshop)

The success of the workshop depends on the active contribution of all participants, and we would very much welcome your input. Therefore, we hope you will accept this invitation and send us a reply before February 6th.

We look forward to welcoming you next February.

Best Regards,

On behalf of the organisers,
Corina de Hoogh