JRC

WFD Chemical Monitoring on-site

Comparison of Monitoring Approaches for Selected Priority Pollutants in Surface Water
Water Framework Directive Implementation
Chemical Monitoring Group (AMPS, CMA, CMEP...)

- Development of guidance
- Discussion of approaches

Practical interaction and specific feedback needed!

Chemical Monitoring on-site: Workshops with campaign for direct exchange of experiences and providing results to MS
• on-site field campaigns
• sampling jointly at one spot
• comparison of results

Target compounds:
• WFD PAH
• WFD PBDE
• WFD Alkylphenols

Comparison of analytical results from:
• Standard solution
• Homogenised extract
• River water
7 invited laboratories

From:

Austria
Bulgaria
Denmark
Germany
Italy
Netherlands
Spain

CMA on-site 1, 11.10.2006, Po River, Ferrara, Italy
Belgium
Bosnia-Herzegovina*
France (2)
Germany (3)
Hungary (3+4)
Ireland
Italy (2)
Netherlands
Serbia*
Slovakia
Spain
Sweden

* non-EU
Example:
Sampling approaches
Overall conclusions:

• Selected WFD priority substances can be measured at WFD relevant concentrations (> 0.3 x EQS) with methods currently applied in Member States.

• Further development of methods and harmonisations of efforts is suggested.
Published as EU Reports

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Outlook: Chemical Monitoring on-site 3

Planned for autumn 2010....in the Netherlands,

Invitation soon

through WFD WG E and Chemical Monitoring group