

Workshop on Pharmaceuticals and Personal Care Products (PPCPs) in the Nordic Environment

5 and 6 November 2008

Place: Norwegian Pollution Control Authority, Oslo, Norway

- 1000 **Welcome and introduction**
- Jon L. Fuglestad, Norwegian Pollution Control Authority
- 1015 **Unused pharmaceuticals as waste in households, a European survey**
- Gerald Vollmer, European Environment Agency
- 1045 **Monitoring of drugs in rural areas – design and sampling considerations**
- René Juhler, GEUS
- 1115 **Comfort break**
- 1145 **Monitoring of PPCPs in the Nordic countries**
- Denmark: Susanne Boutrup, NERI
 - Sweden: Andreas Woldegeorgis, IVL
 - Norway: Kevin Thomas, NIVA
- 1300 **Lunch**
- 1400 **Outflow of pharmaceuticals and personal care products. Case study from Stockholm. Results from the project**
- Cajsa Wahlberg, Stockholm vatten, Stockholm
- 1440 **Pharmaceuticals in Waste Waters and Their Significance as Environmental Pollutants**
- Leif Kronberg, Åbo University and Niina Vieno, Wetsus
- 1520 **Comfort break**
- 1550 **The Swedish MistraPharma project**
- Ingvar Brandt, Project leader Mistra
- 1620 **Sampling and analyses of PPCPs.**
- Challenges in sampling and analyses of PPCPs
 - Should analyses be on the mother substance or metabolites?
 - How to interpret data
- Morten K. Moe, Norwegian Institute for Air Research

Evening: Hosted dinner

Thursday 6 November

- 0900 **Risk assessment of pharmaceuticals in sewage sludge used as fertilisers**
- Status from an ongoing project from the Norwegian Scientific Committee for Food Safety
- Kari Grave, Member of the Panel on Contaminants, Norwegian Scientific Committee for Food Safety
- 0940 **a) Risk assessments of high volume pharmaceuticals**
- Status from a joint Nordic project
- b) Screening of the artificial sweetener sucralose**
- Andreas Woldegeorgis, IVL
- 1020 Comfort break
- 1050 **Pharmeceutical residues in sewage and recipients under different climatic regimes**
- Roland Kallenborn, The University Centre in Svalbard and NILU
- 1130 **Risk assessments of personal care products, with special focus on triclosan, triclocarban and silver**
- Mats Allmyr, ITM University of Stockholm
- 1215 **Plenary discussion**
- What are the knowledge gaps with PPCPs and the environment?
 - Do we have enough knowledge to ban some PPCPs because of environmental effects?
 - Are there particular aspects with PPCPs and the Nordic environment (e.g. climate)?
- 1300 End of workshop