

AGENDA

Programme

PATHOS workshop in Holckenhavn

12. and 13. May 2011

Participants:

9:00 – 9:45

Arrival and coffee

Please secure that your presentation is up-loaded

9:45 – 10:00

Introduction to the workshop

Carsten Suhr Jacobsen

10:00 – 12:00

**Deliverables from Work Packages 1+2.
*Quantification techniques for pathogens,
and steroid estrogens***

&

***Impact of manure separation technologies
and storage on contaminants***

10:00- 10:20: Martin Hansen: Development of techniques to quantify hormones in new matrices.

10:20 – 10:40 Carsten Suhr Jacobsen: Development of mRNA based technique to quantify pathogen activity in soil and water.

10.40 – 11.00 Discussion.

11:00 – 11.20 Olga Popovic: Screening experiment paper on chemical and bacteriological data

11.20-11.40 Olga Popovic: Different separation procedure experiment effect on distribution of chemical and microbiological data

11.40 – 12.00 Discussion.

12:00 – 13:00

LUNCH

13:00 – 14:30

**Deliverables from Work Packages 2:
*Impact of manure separation technologies
and storage on contaminants***

13:00-13:20 Heidi Petersen/Anita Forslund/Line
Fredslund/Carsten Suhr Jacobsen: Pathogen storage
activity

13:20-13:40 Discussion of results.

13:40 – 14:00: Martin Hansen presenting data on
hormone leaching in PLAP

14:00 - 14:20: Tina Bech: Tetracycline bacteria leaching

14:20 – 14:40: Anita Forslund: Leaching of other
microorganisms in PLAP

14:40 – 15:00 Discussion of field experiments

15:00 – 15:30

Break

15:30 – 18:00

**Deliverables from Work Package 3.
*Persistence and leaching of contaminants
in field-applied manure***

15:30 – 16:00: Mostofa Amin: Redistribution
experiment

16:00 – 16:20: Mostofa Amin Column leaching
experiment main + hormones leaching

16:20 – 16:40: Heidi Petersen: Column leaching of
Cryptosporidium

16:40 – 17:00: Discussion of redistribution and column
experiments

17:00 – 18:00 Discussion of overall results

18:00 – 09:30

Dinner, beer, sleep and breakfast

09:30 – 11:00

General introduction to the lessons learned

9:30 – 9:50 Carsten Suhr Jacobsen introduction to the PATHOS centre and highlights from WP 1 Improvement of monitoring design

9:50 – 10:10 Lars Stoumann-Jensen: Highlight from WP 2 Does separation processes help removing hormones and pathogens?

10:10 – 10:30 Mette Lægdsmand: Highlight from WP 3: Does hormones and Pathogens leach to freshwater?

10:30-11:00 Discussion (and a short break)

11:00 – 12:00

Stakeholder learning lessons from PATHOS

11:00 – 11:15 Claus Vangsgård DANVA: Implications for groundwater protection.

11:15 – 11:30 Sven G Sommer SDU: Manure separation technology

11:30 – 11:45 Flemming Pedersen Grundfoss: Development strategies in a new market.

11:45 – 12:00 Torkild Birkmose Landscenteret: Future need for manure treatment

12:00 – 13:00

Lunch

13:00 – 15:00

Implication for future use of manure

Moderators (Each moderator will use 3 slides to give a short introduction to a discussion):

Jeanne Kjær (GEUS): Contaminants in drain water – implications for stream and groundwater

Anders Dalsgaard (KU-Life): Pathogens in water – is that a problem?

Poul Bjerregaard (SDU): Hormones in water – is that a problem?

Peter Roslev (Ålborg): Pathogens in water systems – what is the challenge?

15:00 – 15:30

Closing of workshop

15:00 – 15:30 Carsten Suhr Jacobsen
