

The Nordtest Personnel Certification Scheme for Samplers

Renare Marks Höstmöte 2003

Christian Grøn
+45 45 16 95 70
DHI Water & Environment
chg@dhi.dk
www.dhi.dk

1

General objectives

- Improved sampling quality in soil and groundwater investigations
- Easier exchange of services across the Nordic borders
- Provide a platform for impacting the European directives and standards on sampling

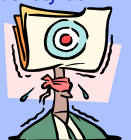
WHAT?

- Soil and groundwater
- Waste
- Bottom sediments
- Waste waters



WHY?

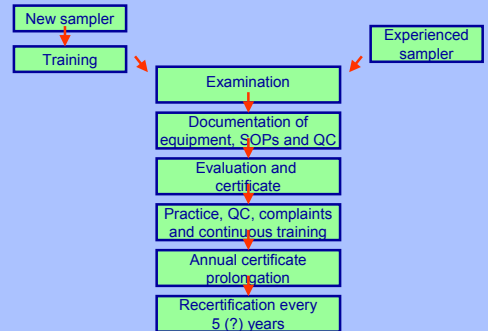
- Sampling quality is always questioned:
 - was the sampler qualified
 - were the right methods used
 - what was actually done and can the sampling be repeated
 - what was the precision
 - can the sampling and the sample identity be documented
- Sampler certification helps you



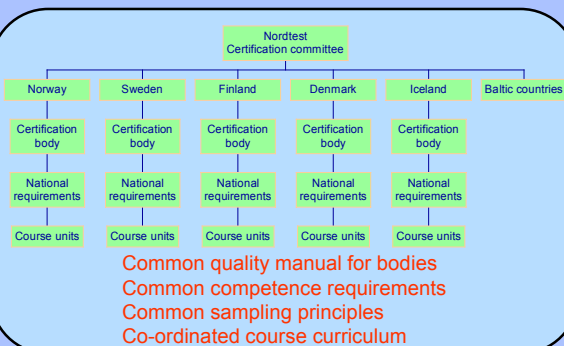
WHAT IS REQUIRED?

- Agreed principles of good sampling
→with compliant national manuals and company SOPs
- Qualified samplers
→and continuous training
- Adequate equipment
→and maintenance, reinvestment etc
- Quality assurance system
→including quality control, documentation requirements and complaints records

HOW?



WHO?



WHY NOT?

- My company does good sampling already
→but could you not improve?
- My company does the sampling that is required
→but do you consider the consequences of bad sampling?
- My company does the sampling that the customers will pay for
→but is cheap sampling a sustainable money saver?
- Legal requirements may be one ans



NOW WHY

- Was the sampler qualified
- Were the methods used
- Were the data properly documented
- Was the sample identity documented



Trained and examined

custody record

WHEN?

- January 2006
- Draft
→ Spring-Summer 2005
- Course units and certifying bodies
→ Summer 2005
- Scheme for approval
→ Autumn 2005
- National set up
→ Autumn 2005

WHAT CAN YOU DO?

- Networks
→ Express interests, participate nationally and suggest committee members
- Authorities
→ Consider legal requirements and decide for performance requirements and manuals
- Samplers
→ Start preparing

CONTACTS AND THE CONSORTIUM

- | | |
|---|--|
| • DHI (scheme, Baltics)
→ (chg@dhi.dk) | • DNV (sediment)
→ (thor.bendiksen@dnv.com) |
| • VTT (waste)
→ (margareta.wahlstrom@vtt.fi) | • Eurofins (waste water)
→ (kja@eurofins.dk) |
| • SGI (soil and groundwater)
→ (johan.nordback@swedgeo.se) | • SYKES (scheme, national)
→ (anneli.joutti@ymparisto.fi) |
| | • EFA (national)
→ (helgij@ust.is) |

CERTIFICATION THANKS TO

- Nordtest
- The Consortium
- The samplers and their employers
- The authorities



Lets make good sampling better, together!