



Fylkesmannen i
NORDLAND

Leachate water treatment from landfills in Nordland county



- vinner til Nordlands beste

History

- Goal: Local leachate water treatment using BAT technology
- No BAT-technology confirmed
- One pilot project on leachate treatment in progress

Guidelines

- Focus on priority substances
- Site-specific treatments
- Abandon the BAT-phrase
- Emmission limits based on PNEC and EQS, not the condition of the resipient stream
- A limit for yearly emmissions and percentage achieved purification

Feedback

- Vague conditions
- Expensive testing
- Extensive list of priority substances
- Little predictability
- Specific vs. common set of criteria
 - Which substances
 - Emission limits

Our strategy

- Focus on treating priority substances
 - testing for all priority substances
- The waste companies suggest possible leachate water treatments
- Minimum limits for efficiency and emissions

Current status

- 3 landfills with functioning leachate water treatment plant within the end of 2015
- 3 landfills to begin building leachate water treatment plants in 2016