

## Anwendungsbericht/User Application Report

**Produkt/Product:**  
penergetic g bentonite

**Anwender/User:**  
Sumas Prairie (Abbotsford)  
British Columbia, Canada

**Fachberater/Consultant:**  
Penergetic Canada  
Planistic  
Derek Pratt

**Datum/Date:**  
2014

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### Treatment of a dairy lagoon in Western Canada

300 cow dairy farm in Sumas Prairie/Abbotsford

#### Protocol used

- 30 kg of penergetic g added to lagoon as shock treatment
- 1kg of penergetic g applied in alleys per week

October 27, 2014

Prior to treatment, there was a heavy crust on the lagoon surface.



November 24, 2014

4 weeks after initial treatment. Evidence of crust breaking down, the manure is bubbling.  
Additional 1 kg of penergetic g applied in alleys per week.



December 15, 2014

After seven weeks of treatment, the former crust largely dissolved.  
The following week the lagoon was partially pumped out. The operator said that the manure required minimal agitation and was much easier to pump.

