

Subject: Re: Aulum vildbjerg dyrlægerne, vet's document from 9/9/2013

Aulum Vildbjerg

Veterinarians

Vildbjerg Animals Hospital

Vildbjerg, d. 9/9-2013

Meeting regarding the launch of wind turbines behind K. B Olesen's farm.

Prior to the meeting of 9 September 2013, according Kaj, the following has happened: On Thursday and Friday afternoon, the two wind turbines which are closest to the farm were going through a test run. This was done in daylight, it was windy and the wind turbines could not be heard clearly, the minks responded with curiosity by getting out of the cages. On Friday evening at dusk, the weather was more quiet and the wind turbines could then be clearly heard both at Kaj's house and his farm. At that time the test run was over and the wind turbines ran constantly, with among other things a high frequency noise from one wind turbine. The minks reacted now with growing unrest and when it was completely dark, there was whining and screaming from all over the farm stemming from stressed minks fighting, Kaj contacted the on-duty vet in Agerfeld who advised Kaj to separate the animals. Kaj spent all Friday night by separating animals and keeping them apart, and by monitoring the animals and getting them apart with the help of light. The on-duty veterinarian was contacted again early Saturday, the on-duty veterinarian visited and found 2 dead mink that had very extensive fresh bite wounds and the wind turbines were stopped to prevent further dead minks, resulting in peace, but not the peace that was before the turbines started .

From the problems started Friday night and through Monday 7 mink died of bites, I personally saw 2 of the minks this morning, which was put down because of "reasons for animal welfare" due to the bite, these were also very severe and fresh. In the same period approx. 60 mink were separated and kept in single cages to stop fighting and biting damages. These figures should be viewed in light of the fact that there had been very few cases of bites in this period and that it will be normal on a farm of this size to find one bite a week. Right now it usually is a quiet period on the farm.

At its meeting of 9 September were present: Kaj Bank Olesen, the undersigned veterinarian Rikke Vestergaard, mink consultant Borge Mundbjerg and Eric Abraham from wind Estate and Michael from Vestas.

At the meeting Kaj explained again the events about the minks' behavior after the turbines started, we all listened to an audio clip Kaj had recorded on the night of Friday, when all minks had gone crazy, it is obvious on the clip that there is a constant whining and screaming from the animals. We also heard an audio clip from the evening after where we only could hear small sounds of mink feet and the sound of rain on the roofs.

Viind Estate would like to have a suggestion how the turbines should be started, Kaj and I do not want the two wind turbines - which until now have

caused problems - to operate at dusk or at night. Wind Estate would like to try to let the two most distant turbines operate day and night and then allowed Kaj to call them and get them to stop if there occur problems again. The problem of this tactic is that if the animals become stressed up too many times, it will be quite impossible to get them to calm down again and so there will be fighting constantly.

It is not possible to separate all minks from each other, at the first, the farm is not built for it, because it is not usual procedure in a mink farm, secondly, a mink who goes alone would not eat the same as when they are together, this will result in a smaller skin when by pelting.

Kaj Abraham has announced that Wind-Estate will cover Kajs loss incl.the additional work by the need to monitor the minks. Losses may be incurred on the farm in several ways at the moment: Animals that are bitten and treated, but end up with a lower settlement because of inferior quality skin. Animals that are isolated and therefore achieves a smaller settlement because of shorter length of the skins.Problems that can arise during pregnancy, childbirth, etc. may be discussed later, if the problem is not resolved by then.

It is impossible at this stage to say how long it will take for the mink to get used to the sounds of the wind turbines.

After the meeting I prescribed antibiotics to treat bite wounds, this had besides not been necessary in this season.

With best regards  
Veterinarian Rikke Vestergaard

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