BAT Compliance

Referring to the IRPP BAT Conclusions document, published on the 21st February 2017, we can confirm that we will be able comply with all relevant BAT conclusions, including the BAT Associated Emission Levels (BAT-AEL).

The following ammonia emission factor is proposed for the type of poultry and system to be operated:

Category of livestock	Housing system	Number of animal places	Ammonia Emission Factor (kg NH3/animal place/year)
Layers – Free Range	Aviary system There is no exhaust out of the roof and they act as inlets only with fans that push air into the shed. All extraction fans are on the gables and sides of the building as per the attached drawing. Please see Thurlby ventilation and extraction doc. The poultry house has manure belts, and the manure will be collected from the farm every 3-4 days by tractor and trailer. No manure is stored on site.	64,000	0.08

This is in compliance with BAT Conclusion 31. The BAT-AEL to be complied with is 0.13kg NH3/animal place/year.

<u>BAT conclusions 3 and 4:</u>
We adopt a nutritional strategy to reduce the levels of nitrogen (N) and phosphorus (P) excretion and can demonstrate we are meeting the BAT associated excretion levels given in table 1.1 and table 1.2. Feed dockets and a current generic statement can be provided to demonstrate a reducing protein (N) and phosphorus (P or total P) diet over the whole life cycle.

<u>BAT conclusion 24:</u>

We will use manure analysis to estimate total N and P content in manure and will report this to you annually.

BAT conclusion 25:

We will monitor ammonia emissions and demonstrate emission levels through use of emission factors.

BAT conclusion 27:

We will monitor and demonstrate dust emissions from each animal house, by use of emission factors.

BAT conclusion 31:

Aviary, free-range layers, system. The poultry house has manure belts, and the manure will be collected from the farm every 3-4 days by tractor and trailer. No manure is stored on site.