

## **Non Technical Summary**

True Hill Farm has an existing permit to rear 360,000 broilers in 8 poultry houses fitted with wet acid air scrubbers.

### **Proposed Changes**

Operator wishes to add an additional new two poultry houses and decommission the older poultry houses 1,2 and 3, these will remain in the installation boundary, broiler places increasing to 440,000. The two new houses will be fitted with wet acid air scrubbers, with high velocity roof fans (11m/s efflux 5.5m release height) emergency backup and gable fans for hot weather cooling. No additional ground to be included in the installation boundary for the additional houses and relocated attenuation pond. No changes to heating which is LPG heaters (no biomass). Sulphuric acid for the air scrubbers will be stored in IBC's. Standby generator upgraded to 1.2MWth (MCPD Compliant).

Broilers are housed at day old and 30% thinned at around thirty-two days of age with de population at around 38 days of age with approximately seven days empty, which will give approximately 7.5 cycles per annum, this will be done on an all out all in basis.

Before bird arrival the houses will be pre-warmed by LPG heaters. Floors will be covered with a layer of bulk wood shavings. Temperature and humidity will be computer controlled and closely monitored on a daily basis to achieve a target level of 21° C post brooding and a relative humidity of 55-60%, this should achieve litter with a high dry matter content which is important to minimising emissions. Air scrubbers will be fitted to all 10 houses to reduce emissions, in addition houses will have high velocity roof mounted extraction fans on all houses (11m/s efflux, 5.5m release height) as emergency backup and gable fans for summer cooling. Water is via a nipple drinking system fitted with cups to reduce leakage and spills leading to drier litter.

Birds will be fed a minimum of three diets during their growth, with gradually reducing levels of protein and phosphorous as bird age increases.

Feed is delivered from a UKAS accredited feed mill and blown into bulk feed bins situated at the ends of the houses, from the feed bins the feed is augered into the houses and distributed to the birds via a pan feeding system.

At depletion the litter will be removed from the site and sold. The farm will then be pressure washed disinfected, dried out prior to the cycle beginning again.

Fallen stock during the production cycle will be collected and recorded daily. These will be collected by a licensed collection agent.

The above measures are designed to reduce emissions, trees and hedges will trap dust particles reducing odour. Ammonia emissions will be reduced by air scrubbing systems and reduced protein feed, maintaining good litter conditions with a high dry matter content. Containment of wash waters will prevent pollutants being released to the environment.

Records of tonnages of litter and wash water exported off site are recorded.