**Non Technical Summary**

Westfield farm poultry unit is applying for a permit to rear 225000 broilers in 5 poultry houses. Main changes to the installation will be the addition of one poultry house increasing the bird places to 225000. One additional biomass boiler, thermal input 199kw. Heat exchangers being fitted to all poultry houses, with condensate directed to dirty water tank. House 3 ventilation changed from side fan to high velocity roof extraction. No additional ground to be included in the installation boundary.

Birds will be housed at day old and de populated at around thirty-two to forty-nine days of age with approximately seven days empty, which will give between 6 to 8.5 cycles per annum, this will be done on an all out all in basis.

Before bird arrival the houses will be pre-warmed by hot water blown air heaters. Floors will be covered to a minimum depth of 2 cm of bulk wood shavings. Temperature and humidity will be computer controlled and closely monitored on a daily basis to achieve a target level of 21º 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. Ventilation is controlled by a negative pressure system using high velocity roof mounted extraction fans with side wall air inlets. All houses have gable fans, used infrequently 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 the company 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 on a regular basis 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 reduced protein feed, maintaining good litter conditions with high dry matter content Containment of wash waters will prevent pollutants being released to the environment.

Management plans are in place to reduce odour and noise.

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