**Non Technical Summary**

Lower Pyethorns farm poultry unit will have a permit to rear 250,000 broilers in 6 poultry houses, All houses will have a combination of indirect heating by biomass or LPG heating.

Birds will be housed at day old and de populated at around fourty two days of age with approximately seven days empty, which will give seven 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/hot water 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 dry matter content which is important to minimising emissions. Ventilation is controlled by a negative pressure system using high velocity roof extraction fans (11m/s efflux) in all housing. 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 licenced collection agent under the National Fallen Stock Scheme.

The above measures are designed to reduce emissions, trees and hedges will trap dust particles reducing odour. 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.