

## **Proposed Changes**

Operator at Thorngrove Poultry Unit is proposing to change the proposed 4 poultry houses not yet constructed for two double tier poultry houses, and add an additional biomass boiler for heating the units.

The revised installation will consist of eight poultry houses for the production of broilers, bird place numbers will be unchanged at 319,990.

The new double tier houses will be crossflow ventilation drawing air across the houses and exhausted through pipe chimneys on the southern side of the buildings with a release height greater than 7m and an efflux velocity of 13m/s.

No changes to the installation boundary, all management plans are current with no changes planned.

Revised layout/drainage plan submitted.

### **Houses 5/6 and 7/8**

Each building will consist of two poultry housing areas with an upper and lower deck.

The lower decks will be accessed from the concrete yard at the eastern gable ends, access to the upper decks will be by means of a ramp on the northern sides of the buildings utilising the topography of the site which slopes downwards from north to south. The upper decks will be washed first at the end of the cycle with sloping floors to the eastern gable end where a foul drain will pass through the floor to the lower deck connecting with the dirty drain on the lower deck and routing all wash water to the underground dirty water storage tank.

Ventilation for the decked housing will be by high powered fans located in the southern side walls of the buildings with inlets on the opposite northern side, this will draw the air across the houses. The exhaust air will be ducted up the southern side of each building with a release height 1m above roof height, with an efflux velocity of 13m/s. Example picture attached.