

Proposed Changes

Operator at Symonds Farm wishes to:

Change from pig production to broiler production.

This will vary the permit to 470,000 broiler places in ten poultry houses, heating for the poultry houses will be supplied from a closed loop ground heat source system with an LPG back up system.

Additional ground to be included in the installation boundary to accommodate the changes.

All management plans have been updated to reflect the change in growing regime.

## **Emissions Justification**

Symonds farm is currently permitted for 7360 fattening pigs. Detailed ammonia modelling on the previous variation showed an annual production of NH<sub>3</sub> of 16579kg per annum (weighted average of standard emission factor of 2.03kg NH<sub>3</sub> per animal + 1100 tonnes stored manure at 1.49kg NH<sub>3</sub>)

Broiler production at 0.034kg NH<sub>3</sub> per place with 470000 places would give an annual total of 15980 kg NH<sub>3</sub>.

This demonstrates a reduction of 3.6% in NH<sub>3</sub> per annum