

## **AHDB Pork Model Template B3.5 5C**

### **Non-technical summary**

#### **A completed example document for Illustrative Farm**

Farm name: Illustrative Farm      Applicant: Mr P Fffff

Illustrative Farm is an existing pig farm, currently under threshold, which is expanding to accommodate 480 sows (including served gilts), 3,300 production pigs >30kg (including not served gilts and boars) and 1,820 pigs <30 kg.

The site is situated in a rural area, located at National Grid Reference XXXXX, YYYYY. The pig unit is approximately 0.4 hectares in size and is 400m to the north of the hamlet of Westfordby and 2.3km west of the village of Everdon.

There are no Special Areas of Conservation (SAC) or Special Protection Areas (SPA) within 10km of the site. There are four Ramsar sites within 10km of the site, which are all part of the Midlands Meres and Mosses group. There is one Site of Special Scientific Interest (SSSI), Old Meadow, approximately 500m from the site. The nearest neighbours are located 200m south of the site.

Breeding stock is brought onto the farm from a specialist supply company.

Pregnant (dry) sows are kept on straw. Farrowing, weaning and finishing stage pigs are reared on slatted floors (a mix of both fully and part slatted) with slurry stored beneath. The majority of existing buildings were erected in the 1970s and 1980s. A new finishing house is going to be erected, which will be built to BAT standards. The existing housing and drainage at the site has been reviewed and assessed as being BAT.

Solid manure is stored on a concrete pad with a collection system to contain liquids. Slurry is piped by gravity to a reception pit and pumped into an above ground slurry tank, which is only agitated prior to emptying. The slurry store is not currently covered but will be as part of the site improvement programme. Dirty water from yards and the contents of the wheel wash and footbaths are added to the slurry store. Lightly contaminated surface water is treated by a swale.

Specific details of housing and facilities are included within the buildings inventory (Technical Standards B3.5 8a). All pig housing is insulated. The dry sow accommodation is naturally ventilated and the other accommodation uses a mixture of roof and side fan ventilation. Low energy lighting is used throughout and heating is applied only where it is needed (farrowing and weaning areas).

Liquid and dry feed is stored and mixed on site; dry pelleted feed rations are purchased. All diets are carefully formulated to match the growth stage. Nipple drinkers are used and water consumption is monitored.

These measures are intended to reduce the production and emission of ammonia odours and dust and to prevent liquids escaping to the environment. This in turn should reduce the environmental impact of the farming activities.

The majority of the solid manure is collected by a neighbour for land spreading. Slurry and some solid manure is spread on farm-owned arable and grassland around the unit as fertiliser, in accordance with the requirements of the manure management plan. The plan details the methods and timing of the operation to minimise the risk of pollution.

Carcases are incinerated on site using a low capacity incinerator approved by APHA.

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