

Southfield Pig Farm covers about 2.5 hectares and is approximately centred on National Grid Reference **TA 38036 21037**. This application is to vary the permitted pig places from 1050 sow places and 3500 >30kg production pig places (with a DAA of 3100 <30kg places) to 2761 sow places (including pre-weaning piglets) and no production pigs on site (excepting 6 breeding boars).

All piglets will be removed from site at weaning and served gilts are delivered in as 10 weeks in-pig every 4 weeks. There are therefore no pig places in the categories 7-15, 15-30 or >30kg except for 6 breeding boars.

The pig places under the new proposal, are as follows:

<b>Pig category</b>	<b>Number of places</b>	<b>Housing/flooring type</b>	<b>Ventilation type</b>
Dry sows/served gilts	504	Solid Floor - Straw System	Natural ventilation
Dry sows/served gilts	1464	FSF with vacuum system for frequent slurry removal	High velocity roof fan ventilation
Dry sows/served gilts	300	FSF with vacuum system for frequent slurry removal	Natural ventilation
Farrowing sows	493	FSF/PSF with combination of water & manure channel	High velocity roof fan ventilation
Boars	6	FSF with vacuum system for frequent slurry removal	High velocity roof fan ventilation

There will be 11 pig buildings under the varied proposal compared to 12 under the last variation (issued in 2014). Changes include the following:

- New building – Sow Service Shed
- Decommissioning of Weaner 1 and Weaner 2
- Converted Finishing accommodation (Finisher 1 and Finisher 2) and Gilt grow on and Nursery building to Farrowing and Sow Accommodation. These changes have involved internal modifications only.

Fully slatted systems are managed to ensure slurry depths do not exceed 800mm and pits are frequently emptied (a minimum of every 10 weeks) with slurry removed through sealed system, via slurry separator, to lagoon (clay ball covered).

FYM from solid floor, straw bedded systems, and solids from the separator are transferred to covered and bunded muck pads, and are removed regularly to temporary field heaps. Dirty water, wash water and used footbaths are all captured in the slurry system. All slurry and FYM is applied to land owned and managed by the operator.

There is a home mill and mix located within the installation, which is operated once per week. There is a mixture of dry and liquid feed systems across the installation.

Roof water and clean yard water is collected and leaves the site at three emission points, labelled D1, D2 and D3 in the site plan, to nearby ditches, via sumps to intercept silt. Some rainwater from roof space (buildings F1 and S5) is captured into an underground tank.

Water is sourced from borehole on site. There is a switchover meter, to ensure supply switches to mains before exceedance of 20m<sup>3</sup> extraction in a day.

Deadstock will be securely locked in leak-proof and tamper-proof containers before incineration on site in an APHA approved low-capacity (<50kg/hr) carcass incinerator. Incinerator ash is incorporated with manure and applied to land under a U15 waste exemption.

The Humber Estuary, a designated European site (SAC, SPA and Ramsar designations) is within relevant buffer zone of the installation. There is also a nature conservation site (Out Newton – Skeffling) within 250 metres.

<b>New building reference</b>	<b>Previous reference (as per 2014 variation)</b>	<b>System Flooring/ventilation</b>	<b>Summary of Changes to building (where applicable)</b>
Sow 1	Finisher 2	FSF/ridge fans	Converted to Sow accommodation – internal changes only
Sow 2	Finisher 1	FSF/ridge fans	Converted to Sow accommodation – internal changes only
Sow 3	Sow 3	Solid/nat or side	No change
Sow 4	Sow 2	Solid/nat or side	No change
Sow 5	Sow 4	FSF/ridge fans	
Sow 6	Gilt Grow On (not in use as of last variation)	Solid/nat or side	No change
Sow 7	Sow 1	FSF/nat or side	No change
Farrow 1	Farrow 1	FSF/ridge fans	No change
Farrow 2	Farrow 2	FSF/ridge fans	No change
Farrow 3	Nursery Building	FSF/ridge fans	Conversion to Farrowing accommodation – internal changes only
Farrow 4 (Part of the Sow 1 building)	Finisher 2	FSF/ridge fans	Conversion to Farrowing accommodation – internal changes only
Service Shed	N/A	FSF/nat or side	New building
N/A	Weaner House 1	FSF/nat or side	Decommissioned
N/A	Weaner House 2	FSF/nat or side	Decommissioned