

Non-Technical Summary- Langrick Manor Farm

Manor Farm is operated by Rattlerow Farms Ltd. The site currently operates as a Nucleus farm consisting of 360 sows, 1800 finisher pigs >30kg and 1750 associated weaners <30kg and currently does not come under permitting requirements.

It is proposed that the site changes to a finisher unit with 4800 pigs >30kg and an associated 3500 weaners <30kg and will operate a continuous system.

The proposal includes the installation of 3 new buildings on the current footprint of existing buildings.

The site currently has a mix of solid floor and slatted buildings with associated slurry lagoon and manure store (400 tonnes). Under the proposal all buildings will be on slatted floors with no manure being produced on site. See building register for further details

Weaner houses will all have high speed roof fan ventilation ridge height >6m. Finisher houses have a mix of natural ventilation and high speed fan ventilation >6m height.

Water is provided via borehole with an iron treatment plant and UV filters, the site can be switched onto mains water as needed.

Power is mains provided. A portable generator would be utilised if needed in the case of mains power failure. All buildings are designed/will be designed with a critical system to have battery back-up. Drop outs open ventilation when fans stop and battery back ups on curtains open in the event of power failure.

All feed is provided dry and delivered via auger to livestock. Water is provided via nipple drinkers to minimise spillage.

Deadstock is incinerated in an on-site carcass incinerator with associated fuel supply, Adfield SB diesel APHA approved, 5 pigs 750kg capacity stack height 3.9m.

Fuel stores 2500litres each are bunded and in accordance with SSAFO regulations.

Approximately 100-200 litres of disinfectant and detergent is stored within drum storage in a locked building. Other raw materials storage is minimised and where possible materials are only brought onto site as required.

Veterinary medicines are stored within a locked fridge

Slurry under slats will be cleaned out approximately every 10 weeks and pumped to the on-site slurry lagoons which will be installed with clay ball floating cover. The slurry depth under slats will be maintained at less than 800mm depth thereby meeting the requirements of shallow pit storage.

Dirty water is directed to slurry lagoons/underslat storage. Slurry is spread to operators land/sold to third party in accordance with manure management plan.

Lightly contaminated roof water and water from clean yard areas is directed to unnamed ditch to the west of the site

No muck will be stored on site as part of the proposal.

Site location

The area surrounding the farm is primarily arable farming with some woodland areas. The land is generally flat. There is a wooded area bordering the southern edge of the site and drains to the eastern and western sides of the site. The prevailing wind is NE.

The nearest settlement if Langrick located approximately 450m north of the installation.

There are sensitive receptors within 400m of the installation and accordingly Noise, Odour and Dust management plans have been implemented.

The site is within a Nitrate Vulnerable Zone.

There have been no previous issues relating to odour, dust, noise or flies in relation to the farm.