

Appendix 6 Technical Standards:

Installation Name Coultas Farm	
Schedule 1 Activity or DAA description	Relevant Technical Guidance note
Section 6.9A (1) (a) (ii)	How to comply EPR 6.09 Version 2
Pig production	
Pig feed storage and preparation	<p>Feed is stored in purpose built, covered, feed silos located next to the pig sheds. All feed rations are bought in. All rations are delivered as dry pellets and fed adlib in feeders.</p> <p>Feed is transferred directly into the relevant storage silos. Feed is piped from the silos to the sheds, minimising dust emissions. Fall distance of feed from pipes to feeders is minimised to reduce aerosol creation.</p> <p>Areas around buildings are kept free from build-up of manure, dirty water and spilt feed.</p> <p>Selection and use of feed is in accordance with SGN EPR6.09 ‘How to comply with your environmental permit for intensive farming’</p> <p>Protein and phosphorus levels in the rations are matched to the animals’ needs at different production stages. A nutritionist regularly reviews and reformulates diets to optimise production and minimise excretion of nutrients.</p>
Slurry and manure storage	<p>Manure is not stored on site, but is removed directly by a third party and exported. Dirty water (washwater) is captured on site and exported by tanker.</p> <p>There is no slurry production.</p> <p>Wash water and lightly contaminated yard water (where applicable) is collected in the underground dirty water stores. This is tested regularly, and the DM content is shown to be under 1%.</p> <p>Spent footbath water containing disinfectant is also drained into the dirty water store.</p> <p>The dirty water storage facilities conform to current BAT guidance and the technical measures detailed in the ‘Water resources control of pollution (silage, slurry and agricultural fuel oil) regulations 2010 (England) and as amended 2013’ (SSAFO). The store and drains are impermeable.</p>
Slurry spreading and manure management	<p>All FYM and dirty water production is exported.</p> <p>No slurry production.</p>

	Assurances from 3 rd parties receiving manure and dirty water that applications to land and/or storage in temporary field heaps will be in accordance with a Manure Management Plan in line with best practice and NVZ regulations, and will be applied as and when weather and land conditions allow.
Fuel oil & chemical storage	<p>There is no fuel or chemical storage within the installation boundary or primarily related to the pig enterprise.</p> <p>Disinfectant and veterinary medicines are stored outside of the installation boundary in the general farm office which is a secure, dry container in accordance with relevant regulations and manufacturer's advice. There is no incinerator or generator.</p>
Housing	<p>Housing design and management is in accordance with SGN EPR6.09 'How to comply with your environmental permit for intensive farming'.</p> <p>All pig buildings are naturally ventilated.</p> <p>All buildings and structures on site are maintained in good repair. In accordance with the management system.</p> <p>There is a programme of inspection and planned preventative maintenance for the housing and drainage.</p> <p>Floors and walls are kept clean. Any cracks and damaged areas of yards and walls are repaired.</p> <p>Drinkers are managed carefully to prevent leakage to minimise the amount of dirty water going to the dirty water store.</p> <p>The straw-based accommodation is mucked out using a scrape through system to prevent ponding or build-up of urine.</p>
Low capacity non SRM	N/A
Drainage	<p>Roof water collected via gutters and down pipes from all pig sheds, and clean yard water, drain directly to drainage pipes, which release in to a nearby ditch.</p> <p>Surface water from concrete aprons drain into a dirty water tank to prevent contamination of surface waters. Dirty water that has arisen from the sheds, including wash water and spent footbath water is also collected in the dirty water stores.</p> <p>Refer to the site plan showing the drainage. Copies of the site plan are also kept with the accident management plan.</p> <p>Yard areas are kept visibly clean, drainage channels are kept clear and spilt feed and dust are cleaned up.</p>
Livestock numbers and movements	A system is in place to record the number of animals on the farm at any one time. Animal movements on and off the farm are also recorded; these records will be available for inspection.

Deadstock disposal	Fallen stock is disposed of in accordance with the current Animal By-Products Regulations. It is collected by a licenced contractor. Deadstock collection vehicles are kept to the perimeter of the site to reduce disease risk.
Veterinary medicines and pest control	Veterinary medicines are kept in a store capable of retaining spillage, resistant to fire and are kept dry, frost free and secure. This is located in the changing room. Vermin control chemicals are brought on site by a trained operative or registered contractor for use as needed.
Pollution Prevention Measures	<p>All operations are assessed annually for opportunities to reduce pollution risk and implementation schedules developed as appropriate.</p> <p>All staff are trained in pollution risk identification, minimisation and emergency procedures for general site activity and activity relating to their work duties.</p> <p>There is an accident management plan (<i>Emergency Action Plan</i>) in place with a procedure to review incidents.</p>
Hazardous waste	Veterinary waste is removed by the vet for safe disposal. Other hazardous waste, such as fluorescent light bulbs, waste oil, aerosols, etc. are removed by a licensed contractor with an adequate audit trail, meeting the requirements of the Environmental Permitting Regulations.

Buildings Inventory

Building name and ref on plan	No of places	Type of ventilation**	High velocity roof fan efflux velocity	Floor type	Slurry/manure management
Building 1	>30kg pigs	Natural	N/A	Solid	Scrape system
Building 2	>30kg pigs	Natural	N/A	Solid	Scrape system
Building 3	>30kg pigs	Natural	N/A	Solid	Scrape system
Building 4	>30kg pigs	Natural	N/A	Solid	Scrape system
Building 5	>30kg pigs	Natural	N/A	Solid	Scrape system
Feed silos	Storage of dry pelleted feed				
Office, chemical and vet med store (off-installation)	Secure and compliant storage				
Diesel tank (off-installation)	Plastic bunded tank.				
Underground dirty water tanks	Fully sealed underground concrete structures, built in line with SSAFO regulations, with concrete lids.				
Straw Barn	Covered straw storage				
Borehole					

Emissions (Refer to the attached Site plan)

Table of Emission Points

Emission Point Reference	Emission Point Description and Location	Source
Air		
Feed Bins	Dry feed delivery/storage areas (enclosed system through to feed troughs)	Dust from dry feed.
Pig buildings	Natural ventilation buildings	Yorkshire boarded buildings housing pigs and straw bedding.
Waste water storage	Dirty water stores (underground and enclosed)	Stores contain all contaminated water from the site.
FYM	None stored on site	All FYM and dirty water exported.
Various	Land spreading (FYM and dirty water) – all 3 rd party	All FYM and dirty water exported.
Land		
Off installation	Land spreading (FYM and dirty water) – all 3 rd party	All FYM and dirty water exported.
Water		
Clean water drainage pipework system	Roof water from all pig sheds and clean yard water drain off the installation to nearby ditch	Uncontaminated water from the site.

SUMMARY STATEMENTS

Carcass management

Fallen stock is disposed of in accordance with the current Animal By-Products Regulations. Carcasses are collected by a licenced contractor.

Flies

There have been no incidents of fly nuisance at the farm. Appropriate actions will be put into place to prevent and control flies should a nuisance arise e.g. use of pesticides, traps and electric fly killers. The farm manager undertakes regular inspections of the site.

Odour

There are neighbours (sensitive receptors) within 400 m of the farm and, therefore, an up-to-date Odour Management Plan (Appendix 8) is in place. This conforms with the SGN EPR6.09 'How to comply with your environmental permit for intensive farming' and the H1 Environmental Risk Assessment (Appendix 5). There is no history of odour complaints resulting from current activities on the unit.

Noise and vibration

There are neighbours (sensitive receptors) within 400 m of the farm and, therefore, an up-to-date Noise Management Plan (Appendix 9) is in place. This conforms to SGN EPR6.09 'How to comply with your environmental permit for intensive farming' and the H1 Environmental Risk Assessment (Appendix 5). There is no history of noise complaints resulting from current activities on the unit.

Bioaerosol and dust

There is a residence (resided in by the operators) within 100 m of the farm and, therefore, an up-to-date Bioaerosol and Dust Management Plan (Appendix 8a) is in place. This conforms with the SGN EPR6.09 'How to comply with your environmental permit for intensive farming' and the H1 Environmental Risk Assessment (Appendix 5). There is no history of bioaerosol or dust complaints resulting from current activities on the unit.