

Falkingham-Summary of Environmental Management System

E. Falkingham & Sons LTD

The Environmental Management System (EMS) in place includes the following:

- 1) Implementing Environment Agency's Environmental Permit Regulations (EPR) 'How to Comply' document (version 2)
- 2) Evidence that BPS Scheme cross compliance requirements are complied with
- 3) Stock movement and numbers on site are recorded as per statutory requirements (Nitrate Vulnerable Zones (NVZs), The Pigs (Records, Identification and Movement) Order 2011 (PRIMO) and eAML2)
- 4) Manure management complies with nitrates regulations requirements
- 5) Storage on the associated arable unit complies with the Silage, Slurry and Agricultural Fuel Oil regulations (SAFFO)
- 6) Manure Management Plan – a manure management plan is in place and all applications of manure to land are made in accordance with NVZ regulations; applications are recorded, a risk map has been prepared and these can be viewed on site.
- 7) Staff are trained and are aware of their, and any contractors' responsibilities.

In addition to the above, the EMS includes:

Normal operations

- Daily records are kept on all aspects of the farm's operation including:
 - Pig movements
 - Feed consumption and deliveries
 - Delivery of goods and materials
 - Medication
 - Mortalities
 - Temperatures of areas within pig housing
- Weekly records of water and fuel consumption are kept
- Staff carry out daily inspections of the site to ensure all plant is operating correctly
- The farm manager reviews information and operation frequently with staff, to identify any unexpected or abnormal changes in operation and agree suitable remedial action if necessary.

Maintenance schedule and records

A programme of planned preventative maintenance is carried out on all plant equipment including:

- Ventilation equipment
- Sensors and detectors
- Feed and water systems
- Inspections and maintenance schedules are based on the manufacturer recommendations
- Ventilation fail-safes are tested in accordance with relevant regulations
- Buildings and equipment on site are inspected weekly and checked for visual signs of leakage, corrosion and structural damage, security and correct operation

- A record of all faults, maintenance work and inspections is kept in the farm office. Details can be found in the inspection and maintenance schedule which is part of this document.

Incidents and abnormal operations

Measures are in place to identify incidents and abnormal operations such as breakdowns, damage, etc. Staff are trained to notice and respond to abnormal changes in operation by investigating the causes. They then either take steps to get back to normal operation and ensure the problem does not reoccur or report issues that cannot be immediately addressed.

A copy of the permit is available and accessible for staff to read. Staff have been given training on the potential environmental impacts of the unit and their role in ensuring environmental impacts are minimised.

Complaints system

Complaints relating to the farms activity are logged and referred to the farm manager for investigation and follow up action (a copy of the form to be used can be found in this document). A record is kept of any remedial action to prevent or minimise the causes and staff will also respond to concerns raised by the local community as appropriate.

On receipt of the environmental permit we will place a site identification notice at the entrance of the site clearly visible from a public highway in accordance with '*How to comply with your environmental permit for intensive farming Version 2 2010*'. The sign will notify neighbours and members of the public about the nature of the farm who they can contact for further information or to notify a concern.

Accidents

The site has an Accident Management Plan which will be implemented if an accident occurs. Events or failures that could damage the environment have been identified in the Environmental Risk Assessment. A back up copy of the Accident Management Plan can be found in the farmhouse in the event that the office is inaccessible in an emergency. All staff are aware of the location and content and their responsibilities in the event of an accident.

Training and qualifications

- All staff are suitably qualified to work at the installation
- All staff receive formal training from both the farm manager and external training providers, which includes making them aware of their (and contractors') roles and responsibilities
- All staff have received formal training on Health and Safety, the accident management plan and will be trained about the requirements of the environmental permit and pollution prevention
- New staff are mentored as part of their 'on the job' training
- Staff and contractors have defined roles and understand what is required of them and what others will carry out
- Training and instruction of staff and contractors is recorded in the training plan; the training plan is kept in the site office

Site security

- Sheds, stores, tanks and equipment are securely locked at night
- Signs are placed around the perimeter to warn people against entering the site
- There is no public footpath through any part of the site.

Energy efficiency

Energy usage at Denby Farm is as follows:

| Energy source | Use |
|---------------|--|
| Electricity | Lighting, ventilation, feed augers, water pumps. |
| Diesel | Pressure washer and vehicles. |

Basic energy requirements

Electricity

- The ventilation fans in all sheds have been selected so that they are the appropriate power and size for the age and number of animals housed
- The computer systems control the ventilation for maximum efficiency
- The fans are low energy and are regularly maintained and cleared of debris
- LED lighting is used throughout both slatted sheds
- Wind turbine in operation to provide electricity to the site

Fuel oil

- Vehicles and tractors are serviced by a contractor at recommended service intervals
- All staff and contractors employed on site are trained in the efficient use of equipment, including driving techniques. Training needs are reviewed annually and as new equipment or techniques are introduced
- Energy usage is recorded. In accordance with the permit, energy efficiency and usage will be reviewed every four years. Opportunities to improve energy efficiency will be implemented if suitable.

Further potential improvement measures include:

- Installation of solar PV.

Efficient use of raw materials

- Types and amounts of raw materials used on farm are listed in the Raw Materials Inventory included with form B3.5.
- The raw materials inventory will be reviewed every four years to identify opportunities for reducing usage or substituting materials that are less harmful.

Minimising water use

- Water is measured weekly by a water meter on the mains supply and borehole. Water usage is closely monitored; any significant fluctuations will be investigated by the farm manager and remedial action taken
- A water efficiency audit will take place within two years of the permit issue. An action plan to reduce water use will be agreed as a result. Water use will then be reviewed every four years.

Avoidance, recovery and disposal of wastes

Within two years of the permit being granted, a waste minimisation review will be undertaken to take into account the waste hierarchy and to identify whether appropriate measures to ensure that minimal waste is produced need to be updated and changed. The methodology for this review and an action plan for reducing the use of raw materials will be submitted within two months of completion of the review. For wastes which are technically and financially impossible to recover, such as sharps, vaccines, veterinary materials, including gloves and ABP, these are collected by a suitably licensed contractor for disposal.

Inspection and maintenance schedule

Records are kept of inspection and maintenance of farm structures and plant. Staff report any problems encountered and actions taken on a daily basis directly to the pig unit manager. A record is made in the form attached with this review. This is reviewed regularly by the person with overall responsibility for the site for that day and appropriate action implemented.

Structures and equipment are inspected weekly/monthly. The inspection and maintenance programme covers the following areas:

- Building structures and yards; includes structural integrity, water system, electrical systems (including ventilation and fail-safes), roofs, drainage systems, gutters and downpipes
- Slurry system; includes tanks and associated pipework
- Medicines/chemical stores; includes bunding and security arrangements
- Feed storage silos, bins and tanks; includes bund and collision protection integrity as applicable
- Feed delivery pipework/systems
- Swales/soakaways.

The full annual inspection and maintenance schedule should be detailed in the tables that follow.

Annual inspection and maintenance schedule Year: _____

| Facility | Remedial work required and date noted | Date remedial work completed | Signature |
|---|---------------------------------------|------------------------------|-----------|
| Fully Slatted No1 | | | |
| Fully Slatted No2 | | | |
| Water tank and pipes | | | |
| Concrete Aprons | | | |
| Below Ground Slurry storage and associated pipework and pumps | | | |

| | | | | |
|-----------------------------|--|--|--|--|
| Feed Silos | | | | |
| Office | | | | |
| Medicine/ Chemical store | | | | |
| Store | | | | |
| Soakaways | | | | |
| Water tank - borehole | | | | |

Operator signature: Date:

Intensive Farming General Complaint Form

| | |
|--|--|
| Name of farm | |
| | |
| Time and date of complaint | Name and address of complainant |
| | |
| How complaint was received, eg telephone call, visit, etc? | Email address of complainant |
| | |
| Who first received the complaint? | Telephone number of complainant |
| | |
| Who was the complaint reported to for further action? | |
| | |
| Type of complaint (<i>give all relevant details – use space overleaf if necessary</i>) | |
| | |
| Describe the activity which was happening at the time of the complaint (<i>include names of any relevant staff</i>) | |

| | | |
|---|---------------|-------------|
| | | |
| Any other relevant information | | |
| | | |
| Are there any other complaints relating to the installation or that location? (If yes, give details) | | |
| | | |
| Actions taken and by who | | |
| | | |
| Form completed by | Signed | Date |
| | | |