

**Summary of Environmental Management System**  
**Peach Tree Farm Patrington Road Ottringham HULL East Yorkshire**

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

- 1) Implementing the Environment Agency's Environmental Permit Regulations (EPR) 'How to Comply' document 6.09 (version 2)
- 2) Farm assurance scheme – Red Tractor Assurance
- 3) Evidence of training, operating, inspection and maintenance in compliance with the manufacturers' instructions
- 4) Records of complaints, incidents and reporting
- 5) Evidence that Basic Farm Payment Scheme cross compliance requirements are complied with
- 6) Records and operations as per statutory requirements (e.g. relating to Nitrate Vulnerable Zones, waste regulations, water resources act, health and safety, COSHH, duty of care)
- 7) 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)
- 8) Storage complies with the Silage, Slurry and Agricultural Fuel Oil regulations (SAFFO) and current BAT guidelines.
- 9) Manure and Nutrient Management Plans
- 10) Pollution Prevention and Management Plan
- 11) 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
  - Temperature/humidity of areas within pig housing
- Weekly records of water 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:

- Feed and water systems
- Dirty water handling and storage equipment/structures
- Inspections and maintenance schedules are based on the manufacturer recommendations
- 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 office. Details can be found in the inspection and maintenance schedule (template included on page 6 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. Training records are maintained.

An Accident Management Plan is available to all staff.

## **Complaints system**

Complaints relating to the farm's 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 on page 10 of 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 and 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 farm office in the event that the pig unit 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

- The site located along a track near the village of Ottringham lies some distance from any main roads and significant numbers of residences.
- Native tree and hedgerow planting to the site boundaries provide visual screening. There is a mature hedgerow along the southern boundary.
- The site can be accessed only via the designated track.
- Sheds, stores and equipment are securely locked at night
- No unauthorised access at any time - pedestrian and vehicle
- There is no fuel oil tank located at the site. There are no LPG tanks on the installation
- There is no public footpath through or adjacent to any part of the installation.

## Energy efficiency

Energy usage at Peach Tree Farm is as follows:

Energy source	Use
Electricity	Lighting, feed augers
Bottled gas	N/A

## Basic energy requirements

The site has been designed with a strong focus on resource saving and efficiency.

- The sheds are new and will be maintained in good condition
- The sheds are fully insulated to reduce condensation, heat loss and solar gain
- The flooring is maintained and cracks are repaired

### **Electricity**

- Low energy light bulbs are used in the office and stores
- LED lights are used in the sheds.

### **Fuel oil**

- The generator is fixed at the location shown on the plan. There is no fuel tank located within the installation boundary specifically related to the pig enterprise
- 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.
- We use well maintained machinery with energy efficient engines, on a rotating replacement policy looking for the most energy efficient models.

### **Further potential improvement measures include:**

- Installing more energy efficient equipment and controllers, as appropriate, eg lighting timers

### **Efficient use of raw materials**

- Types and amounts of raw materials used on farm are listed in the Raw Materials Inventory
- Product safety sheets should be attached to this form
- 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 nipples are used to minimise water wastage.
- Water is measured weekly by a water meter. 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. Water use will then be reviewed every four years.

## **Avoidance, recovery and disposal of wastes**

A waste minimisation review will be undertaken every 4 years 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.

Wastes which are technically and financially impossible to recover, such as sharps, vaccines, veterinary materials, including gloves and ABP are collected by a suitably licensed contractor for disposal.

Please refer to latest Waste Review Action Plan (Appendix 11).

## **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 a logbook kept in the office. This is reviewed daily 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, flooring, concrete, water system, roofs, drainage systems, gutters and downpipes
- Dirty water drainage system; includes associated pipework, equipment/machinery.
- Medicines/chemical stores; includes bunding and security arrangements
- Feed storage silos, bins; includes collision protection integrity as applicable
- Feed and water delivery pipework/systems
- Deadstock storage

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

## **Environmental Policy Statement**

Peach Tree Farm is committed to protecting the environment by implementing policies that will achieve a sustainable, thriving business, whilst also minimising any negative impacts of its activities, and seeking, where possible, to maximise the potential yield of products produced and effective use of co-products and materials such as organic matters.

The key points of the policy will be implemented through the Environmental Management System, adhering to at least the minimum standards of the environmental permit and other relevant legislation as follows:

- Reporting the welfare of livestock, staff, visitors, neighbours, and sensitive habits
- Using resources efficiently to minimise waste and emissions
- Participating in schemes that promote efficiency
- Striving for continual improvement

- Meeting or exceeding all the environmental legislation that relates to the business
- Actively promoting reduction, recovery and recycling of resources used, both internally and among any customers or suppliers

### **Climate Change Adaptation Planning**

Climate projections for the UK suggest that we can expect:

- Higher average temperatures – particularly in summer and winter
- More heat waves and hot days
- Rising sea levels
- Changes in rainfall patterns and intensity
- More storms

At least every four years, or more frequently as appropriate, the management and adaptations of the site will be reviewed to mitigate any risks posed by a changing climate and ensure compliance with permit conditions.

The operator is working with the pig and feed supplier to mitigate GHG emissions within the supply chain and to plan for net zero. In assessing the risks to the installation, associated risks to local communities and the wider environment are included. It is understood that impacts and risks may change over the lifetime of the activity and therefore plans, adaptations and risk assessments will be reviewed at least every 4 years or in response to new information and learning.

Rather than having a completely separate plan, climate change resilience and contingency planning has been built into the Emergency Action Plan. This will include looking at multiple factors occurring at the same time – for example, supply chain failure and extreme weather. A Climate Change Risk Assessment informing current contingency plans, and the mitigations and adaptations that need to be considered for the future, will be regularly reviewed and updated.

Plans are aimed to ensure operations remain resilient at stages along a climate projection of at least 2°C global mean temperature rise by 2050. Further requirements may be necessary along a projected 4°C rise by 2100 – up to the projected lifetime of the permitted activity.

To anticipate and prevent risks to local communities and to the environment, plans are in place to test the effectiveness of:

- Actions
- Policies
- Procedures
- Assessments

The '*Adapting to Climate Change: Industry Sector Examples for Your Risk Assessment*' is used when developing or reviewing the management system.

<https://www.gov.uk/government/publications/adapting-to-climate-change-industry-sector-examples-for-your-risk-assessment/intensive-farming-examples-for-your-adapting-to-climate-change-risk-assessment>

**Annual inspection and maintenance schedule**      Year: \_\_\_\_\_

Facility	Reference on site Layout Plan	Remedial work required and date noted	Date remedial work completed	Signature
Pig buildings, internal and external infrastructure	See Appendix 4 (b)			
Drainage channels, drainage covers and guttering.	See Appendix 4(c)			
Slurry and dirty water and associated pipework, pumps and equipment				
Feed bins, including collision protection  Feeders and feed system (pipework, augers, etc)				

Facility	Reference on site Layout Plan	Remedial work required and date noted	Date remedial work completed	Signature
Water tanks and water system (pipework, drinkers)				
Office and staff changing area				
Medicine store				
Chemical store				
Track and hard standing areas between buildings				
Deadstock collection bin				

Operator signature: ..... Date: .....



## Intensive Farming General Complaint Form

<b>Name of farm</b>		
<b>Time and date of complaint</b>	<b>Name and address of complainant</b>	
<b>How complaint was received, eg telephone call, visit, etc?</b>	<b>Email address of complainant</b>	
<b>Who first received the complaint?</b>	<b>Telephone number of complainant</b>	
<b>Who was the complaint reported to for further action?</b>		
<b>Type of complaint</b> <i>(give all relevant details – use space overleaf if necessary)</i>		
<b>Describe the activity which was happening at the time of the complaint</b> <i>(include names of any relevant staff)</i>		
<b>Any other relevant information</b>		
<b>Are there any other complaints relating to the installation or that location?</b> <i>(If yes, give details)</i>		
<b>Actions taken and by who</b>		
<b>Form completed by</b>	<b>Signed</b>	<b>Date</b>

## **Site closure/decommissioning plan**

### **Purpose**

This plan indicates how buildings, infrastructure and any remaining manures and wastes will be dealt with when a site is closed or decommissioned.

The plan also includes a record of any pollution incidents, such as spillage of oil, leaking stores, etc. which have occurred during the operation of the permitted site, together with the steps taken to remedy that pollution at the time. This will help to establish whether the site is in a satisfactory state when the permitted Schedule 1 Activity (pig production) ceases and the EPR/IPPC Permit is surrendered.

### **Methodology**

Buildings, stores and facilities which are to remain in place will be cleaned thoroughly internally and externally to avoid any potential risk of pollution. If these buildings, stores or facilities are to continue in use for activities for which the Permit is no longer required, a suitable programme of works and timescale for completion will be agreed in writing with the Environment Agency to achieve the best environmental outcome and to minimise waste.

Wastes, including unused chemicals, asbestos and oils, will be disposed of following the Duty of Care. Slurry tanks will be emptied as appropriate with the contents applied to land for agricultural benefit.

Where possible, unused livestock feeds will be collected and fed to suitable livestock elsewhere. Spoilt and surplus feedstuffs, and feedstuffs that cannot be recovered by feeding to stock, will be mixed with slurry or manure as appropriate and used in accordance with the methods already stated.

Infrastructure dedicated to the livestock named in the permit will be removed or taken out of use if no immediate further use is required for it on that site. Buildings will be cleaned and secured if their use is no longer required. This plan will be maintained on site, updated as circumstances change and will be reviewed every four years. Please refer to the Site Layout, Site Drainage and Site Services plans and Site Condition Report for further details.

**Pollution Incident Record**

**Permit Number:**.....

*Attach relevant documents or provide details using the Pollution Incident Record form provided below.*

<b>Date of incident</b>	<b>Description of the incident</b> <i>Include any EA case number and name(s) of EA officers in attendance, if applicable</i>	<b>Action taken</b>	<b>Signature</b>

**Please now append your Accident Management Plan which can be found in 3.5 3c Appendix.**

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