



Tranmere Farm

Summary of Environmental Management System

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) Red Tractor Assurance for pigs
- 3) Red Tractor Assurance for Poultry
- 4) 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), broiler movements through the Soanes Poultry Group
- 5) Manure management arrangement complies with nitrates regulations requirements as does on farm use of broiler litter
- 6) Storage on the associated arable unit complies with the Silage, Slurry and Agricultural Fuel Oil regulations (SAFFO)
- 7) Manure Management Plan is implemented
- 8) Odour Management Plan is implemented
- 9) Noise Management Plan is implemented
- 10) Staff are trained and are aware of their, and any contractors' responsibilities.

In addition to the above, the EMS includes the following Annexes:

2a	Complaints Procedure
2b	Site Closure
2c	Pollution Incident
2d	Raw Material Log
2e	Maintenance Checklist
2f	Emergency Action Plan
2g	Waste Removal Log
2h	Training Record

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
- Generators are tested weekly to ensure they are working properly
- 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. Anything found is placed in the diary. An annual inspection is carried out by the manager (appendix 2e)
- A record of all faults, maintenance work and inspections are kept in the farm office. Details can be found in the diary on each site.

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.

Incidents are recorded in the site diary and pollution incidents are recorded on a sheet found in Appendix 2c.

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 on in Appendix 2a). 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.

We have in 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 notifies 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 in Appendix 2f. Events or failures that could damage the environment have been identified in the Environmental Risk Assessment (Appendix 4). A back up copy of the Accident Management Plan can be found in the every office (pig, broiler, reception) and 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
- As a Red Tractor Assured farm, key staff are registered members of the Pig Industry Professional Register (PIPR) or Poultry Passport
- A competency log can be found in Appendix 2h

Site security

- The site has a secure perimeter fence and it is well hidden from the nearby road by trees and a hedgerow
- Sheds, stores, tanks and equipment are securely locked at night
- The site is fitted with a locked gate
- The fuel oil tanks are secure and locked
- Signs are placed around the perimeter to warn people against entering the site
- There is no public footpath through any part of the site.
- Employees live on site
- CCTV in place

Energy efficiency

Energy usage at Tranmere Farm is as follows:

Energy source	Use
Electricity	Lighting, ventilation, computer control systems, feed augers, water pumps.
Diesel	Standby generator, pressure washer and vehicles.

Basic energy requirements

- All sheds are monitored by a computer system, which automatically controls and records the temperature
- Control sensors are checked in accordance with manufacturer's instructions and kept clean so they are able to detect the temperature at the stock level
- Ventilation rates are computer controlled in majority of sheds to minimise, as far as the indoor requirements allow, heat losses from the sheds
- Fans are fitted with back draft shutters to reduce heat loss
- The sheds are maintained in good condition
- The sheds are fully insulated to reduce condensation, heat loss and solar gain
- The concrete flooring is maintained and cracks are repaired
- The drinking system uses drinkers and troughs which minimise spillage of water.



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
- Low energy fluorescent lights are used in the sheds. Replacement lights are all LED.
- Solar installed – April 2024

Fuel oil

- The standby generator is visually inspected, as per the maintenance schedule, to ensure they operate efficiently. The oil tanks, associated pipe work and bunding are visually inspected weekly
- 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:

- Installing more energy efficient equipment and controllers, as appropriate, eg lighting timers, LED lights
- Repairing and improving insulation

Efficient use of raw materials

- Types and amounts of raw materials used on farm are listed in the Raw Materials Inventory; this is appended to the Accident Management Plan (B3.5 3c)
- Product safety sheets are available in the Health and Safety folder on site.
- 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

All wastes are removed by Bruntons and the council a log can be found in Appendix 2g.

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, these are collected by FarmVet for disposal.

Inspection and maintenance schedule

Records are kept of inspection and maintenance of farm structures and plant. The annual checklist can be found in Appendix 2e. Staff report any problems encountered and actions taken on a daily basis directly to the pig unit manager. A record is made in a diary kept in the Farm 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 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
- Emergency generator
- Slurry system; includes reception pit, tanks and associated pipework
- Dirty water reception pit
- Medicines/chemical stores; includes bunding and security arrangements
- Fuel storage tanks and pipework; includes bund integrity and security arrangements
- Feed storage silos, bins and tanks; includes bund and collision protection integrity as applicable
- Feed delivery pipework/systems



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
Intensive Farming General Complaint Form		
Type of complaint continued...		



Environmental Management System Appendix 2b: Tranmere Farm Site

Closure/decommissioning plan

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 would also include 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. Manure, slurry and dirty water stores 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.



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Environmental Management System Appendix 2c: Tranmere Farm Site Pollution Incident

Record

Pollution Incident Record

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



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Environmental Management System Appendix 2c: Tranmere Farm Site Pollution Incident

Record

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



Environmental Management System Appendix 2d: Tranmere Farm Raw Materials

Types and amounts of raw materials

Inventory of raw materials	Justification for use of this material	Quantity used (litres or kg per year)	Quantity stored on site (litres or kg per year)
a) Biocides (includes disinfectants, wood preservatives, slimicides)			
Defra approved disinfectant	Disease control	400 litres	10 litres
b) Pesticides (includes herbicides, fungicides, insecticides, vertebrate control products)			
Rat/mouse poison	Pest control	45kg	15kg
Flykiller - spray	Pest control	2 litres	1 litre
Round-up	Pest control	5 litres	Just in time
Maggot killer	Pest control	180kg	40kg
c) Veterinary medicines (excluding dietary additives)			
Pigs: Prescription-only antibiotics (solid)	Disease control	6kg	5kg
Pigs: Prescription-only antibiotics (liquid)	Disease control	20 litres	5 litres
Pigs: Prescription-only vaccinations (liquid)			
Bedding types			
Straw	Comfort/welfare	832 x midi bails (approx. 400kg)	6 weeks
Wood shavings	Comfort / welfare	750kg	500kg
d)			
Fuels and oils			
Diesel	Machinery	5000l	1000l



Environmental Management System Appendix 2d: Tranmere Farm Raw Materials

April 2023 – We have reduced our maggot killer application by using a company called Bestico. Bestico use a “good” fly and wasp to kill the pest flies in our slatted buildings.

NB. All are estimates

Paper copies of the product safety sheets should be found on site



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Environmental Management System Appendix 2e: Tranmere Farm Maintenance

Checklist

Facility	Date	Remedial Work Required	Date Carried Out	Signature

All areas should be thoroughly checked for: cracks, damage, safety and efficiency on a six monthly basis.



Environmental Management System Appendix 2f: Tranmere Farm Accident/Emergency Action and Management Plan

<u>Emergency Type</u>	<u>Action to be taken</u>
Loss of borehole water	<ul style="list-style-type: none"> • Switch to mains – tap located underneath sink unit • Contact borehole engineer – Ralph 07976 634802
Loss of mains water	<ul style="list-style-type: none"> • Switch to borehole water – tap located underneath sink unit • Contact Yorkshire Water
Loss of ALL water	<ul style="list-style-type: none"> • Water will be used from store tank • Contact Yorkshire Water, 0345 1 24 24 24 / Borehole engineer
Loss of feed	<ul style="list-style-type: none"> • Feeders to be run manually • If mechanical problem, call Malc on 07831 332081
Unsatisfactory feed	<ul style="list-style-type: none"> • If problem with feed contact Ed Brockenbow from ABN on 07540 819094
Loss of ventilation	<ul style="list-style-type: none"> • With electrical failure – generator will back up supply • Open vents and fans manually to ensure adequate airflow through the shed • Contact engineers – BCM Walker 01262 488269
Loss of electricity	<ul style="list-style-type: none"> • Generator will automatically back up lost supply • Ensure there is enough diesel in tanks • Make a note of when power was lost • Contact Electricity board, EON 0800 068 5523 with details
Temperature raise	<ul style="list-style-type: none"> • Turn on all fans and open all side vents to maximum • Open doors if still too warm
Temperature drop	<ul style="list-style-type: none"> • Close fans with shutters • Check gas, call Northern Energy on 01423 770666

Contacts

Name	Number	Position / Reason
Emily Field	07766 335661	Owner
Andrew Corrigan	07525 788500	Owner
Paul Acey	07738 076149	Site Manager
Paul Acey / Mike Raines	07969 522127	Pig Manager
Local Services	01377 254180	East Riding
Lawlors	07805 432880	Waste Disposal Contractor
Dennis	01262 470 254	Plumber
BCM Walker	01262 488 269	Electrician
Neil	07887 913900	Mechanic



Environmental Management System Appendix 2f: Tranmere Farm Accident/Emergency Action and Management Plan

Identify the emergency, assess if “emergency services” need to be called – if in doubt dial 999.

Emergency Type	Action to be taken
Environmental Emergency	<ul style="list-style-type: none"> • Call the environmental Incident Hotline on 0800 80 70 60 (UK)
Flood	<ul style="list-style-type: none"> • Call Floodline on 0345 988 1188
Fire	<ul style="list-style-type: none"> • Call emergency services on 999
Minor Injury	<ul style="list-style-type: none"> • Remove injured person from any further danger • Contact nearest First Aid Trained Personnel: <ul style="list-style-type: none"> ○ Emily 07766335661 ○ Any of pig staff • • Take to hospital. Nearest A and E (0900-1700: Alfred Bean, Driffield. Out of Hours: Scarborough Hospital) • Report in accident sheet
Major Injury	<ul style="list-style-type: none"> • Remove injured person from any further danger • Call Emergency Services on 999
Disease Outbreak	<ul style="list-style-type: none"> • If high mortality or loss of production on site, contact vet, Garth (Pigs) on 01262 488323 / Nigel Horrox on 01377 241945. • Use different protective clothing for contaminated shed. • If disease outbreak on local farm: follow advice from AHVLA. No visitors on site.
Media / animal activists on site	<ul style="list-style-type: none"> • Be polite at all times • Refer to Emily, 07766335661 • Report to police and Red Tractor press department, 020 8960 8950, if necessary



Staff Training Record

Biosecurity	Name	Signed	Name	Signed
Understands/implement unit biosecurity arrangements				
Aware of pig movement legislation				
Can describe ways disease may be transmitted				
Can describe/identify signs of ill health				
Understands own role in maintaining pig health				
Can take appropriate action when disease is suspected/injuries noted				
Understands unit animal health plan				
Understands health status of unit				
Understands driver/staff biosecurity plans				
Understands need and use of isolation unit				
Health and Safety				
Understands indications of human contamination				
Understands own response to accidents				
Knows location of product data sheets/COSHH				
Understands accident reporting procedures				
Can provide basic support/assistance				
Uses appropriate PPE				
Understands RIDDOR regulations				
Can check that all equipment to be used is safe				
Can use ladders safely				
Can work safely at height				
Can work safely in confined spaces				
Can conduct manual lifting safely				
Can move/handle stock safely				
Aware of unit emergency action plans				



Staff Training Record

FIRE SAFETY					
Understands unit emergency procedures					
Knows unit fire/incident collection point					
Knows position of fire alarm points/extinguishers					
Knows identification of different fire extinguisher colouring and use					
ENVIRONMENTAL UNDERSTANDING					
Understands site's consequence on environment					
Understands IPPC folder					
Vehicle Training					
Bobcat					
Forklift					
Merlot					
Trailer					