Appendix 3

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) Farm assurance scheme – Red Tractor 498597
3) Evidence that single Farm Payment Scheme cross compliance requirements are complied with
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)
5) Other records and operations as per statutory requirements (e.g. relating to waste regulations, water resources act, health and safety, COSHH, duty of care)
6) Manure management complies with nitrates regulations requirements
7) Storage complies with the Silage, Slurry and Agricultural Fuel Oil regulations (SAFFO)
8) Manure Management Plan
9) Environmental Risk Assessment
10) Staff are trained and are aware of their, and any contractors' responsibilities.
11) Evidence of training, operating, inspection and maintenance in compliance with the manufacturer's instructions
12) Records of complaints, incidents and reporting
13) Pollution Prevention and Management Plan
14) Climate Change Risk Assessment

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
- 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:

- Feed and water systems and sensors
- Temperature sensors
- Fan systems
- 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 farm office. Details can be found in the inspection and maintenance schedule 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.

Complaints system
Complaints relating to the farm's activity are logged and referred to the operator 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.

The sensitive receptors within 400m zone are the edge of Filey to the East of the site, two farm businesses to the South West and North West, and "Birds of Filey" animal park plus residential to the North of the site over the railway line. On site (within 100m of installation boundary) are residential and business buildings related to the operator.

There is no history of odour or noise complaints. Measures that help minimise noise and odour impact off-site are summarised in the Environmental Risk Assessment attached. Odour, Bioaerosol and Noise Management plans will be reviewed at least once per year, in the light of any building and management changes or on the outcome of investigations into the cause of any future complaints if any occur.

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 (Appendix 5). All staff are aware of the location and

content of the Emergency Action Plan (one located in the office and another in the Biosecurity Hut/Changing Area) 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 Emergency Action 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

- Stores and equipment are securely locked at night
- The site gates are locked at night to prevent pedestrian and vehicle access out of hours
- The only entrance/exit to the site is over a level crossing which is on a traffic light system and is covered by 24-7 CCTV.
- Signs are placed around the perimeter to warn unauthorised people against entering the site
- There is no public footpath through any part of the site.

Energy efficiency

Energy usage at East Lea Farm is as follows:

Energy source	Use
Electricity	Lighting, computer control systems for feed delivery, ventilation fans, feed augers, water pumps
Diesel	Pressure washer and vehicles

Basic energy requirements

Heating: where applicable

- No heating.

Electricity

- Buildings 2 and 5 are naturally ventilated; whereas buildings 1, 3 and 4 are ventilated with high speed roof fans (running at 11m/s).
- Low energy light bulbs are used in the office and changing area.
- Low energy fluorescent lights are used in the sheds. Used only for loading or inspecting pigs in hours of darkness.

Fuel oil

- The diesel tank, associated pipe work and bunding are visually inspected weekly (this tank is located outside of the installation boundary and is not associated exclusively with the pig unit operations).
- 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

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 is from borehole (with Mains supply available as backup) and is supplied in nipple drinkers over troughs, reducing water wastage.
- Water is measured weekly by a water meter and closely monitored; any significant fluctuations will be investigated by the operator 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

Please refer to Appendix 11, Waste Minimisation Plan and Raw Materials Inventory. This takes into account the waste hierarchy and identifies whether appropriate measures to ensure that minimal waste is produced need to be updated and changed.

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 a log book 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, water system, electrical systems, roofs, drainage systems, gutters and downpipes
- Fans and temperature sensors
- Dirty water collection
- FYM storage area
- Medicines/disinfectant stores
- Fuel storage tank and pipework; includes bund integrity and security arrangements (the diesel tank is located outside of installation boundary and is not related exclusively to pig unit operations)
- PTO driven generator, not fixed, and not used primarily for pigs
- Feed storage bins; includes collision protection integrity as applicable
- Feed delivery pipework/systems
- Clean water drainage routes and clean water pond
- Site surfacing (hardcore in between buildings; concrete for muck store area and all internal flooring of buildings)

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. 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.

Annual inspection and maintenance schedule Year:_____

Facility	Reference on site Layout Plan	Remedial work required and date noted	Date remedial work completed	Signature
Changing area/medicine store				
Pig Building	1			
Pig Building	2			
Pig Building	3			
Pig Building	4			
Pig Building	5			
Deadstock bin				

Facility	Reference on site Layout Plan	Remedial work required and date noted	Date remedial work completed	Signature
FYM Midden and roof FYM trailer				
Dirty water storage				
Clean water sinks and drains and roof guttering and drainage covers and inspection chambers				
Feed bins, including collision protection				
Feed lines, augers and hoppers				
Water delivery, storage and monitoring systems				
Fan ventilation systems				
Yard areas				

Facility	Reference on site Layout Plan	Remedial work required and date noted	Date remedial work completed	Signature
Mobile loading ramp				
Electrics and plumbing				

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 (*give all relevant details – use space overleaf if necessary*)	
Describe the activity which was happening at the time of the complaint (*include names of any relevant staff*)	

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…

Pollution Incident Record

Permit Number:……..

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

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