Management System Operations

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

1. Implementing Environment Agency’s Environmental Permit Regulations (EPR) ‘How to Comply’ document (version 2)
2. Evidence that single Farm Payment 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 (Scampston Farming Co.
5. Storage on the associated arable unit complies with the Silage, Slurry and Agricultural Fuel Oil regulations (SAFFO)
6. Staff will be trained and are aware of their, and any contractors’ responsibilities.
7. Farm assurance scheme(s)
8. Other records and operations as per statutory requirements (e.g. relating to waste regulations, water resources act, health and safety, COSHH, duty of care)
9. Manure Management Plan and export records (Scampston Farming Co Ltd.)
10. Environmental Risk Assessment
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. Bioaerosols, Pest, Odour and Noise Management Plans
15. Electricity/energy production and usage
16. Waste management

**Day to Day Management Operations of the Installation which will be put in place**

* Daily records 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
* 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 carried out on all plant equipment including:

* Ventilation equipment (where applicable)
* Sensors and detectors
* Feed and water systems
* Inspections and maintenance schedules are based on the manufacturer recommendations
* Generators tested frequently to ensure they are working properly
* Ventilation fail-safes will be tested in accordance with relevant regulations
* Buildings and equipment on site inspected 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 planned to be kept in the farm office. Details can be found in the inspection and maintenance schedule in the appendix.

**Incidents and Abnormal Operations**

Staff report any problems encountered and actions taken on a daily basis directly to the pig unit manager. Staff are trained to respond to abnormal changes and investigate the causes of this to return to normal operations or ensure the problem doesn’t reoccur or report the issue if it cannot be immediately addressed. A record is made in a log book which shall be kept in the Farm Office. This will be reviewed by the person with overall responsibility for the site and appropriate action implemented if required.

**Accidents**

The site will have an Accident Management Plan (Emergency Action 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 will be located in the main office in the event that the office is inaccessible in an emergency. All staff will be made aware of the location and content and their responsibilities in the event of an accident. See Emergency Action Plan document.

**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 in the Management Systems Appendix 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 of a JSR site and will have the permit number and who they can contact for further information or to notify a concern.

Complaint Form can be found in Management Systems Appendix.

**Site security**

* The site is well hidden from the nearby road by a hedge and surrounding trees and is located down a long track from the Malton road.
* All buildings will be locked when the last person leaves the site for extra security.
* Sheds, stores, tanks and equipment will be securely locked at night.
* Signs will be placed around the perimeter, to inform people there is a site within the area.
* There is no public footpath through any part of the site.
* No unauthorised access at any time.
* The site can be accessed only via the designated track and there will only be one entrance at the finisher unit which will be locked when farm workers leave so access will be restricted.

**Staff and Contractors Instruction or Training**

•All staff are suitably qualified to work at the installation

•All staff receive formal training from both the farm manager, which includes making them aware of their (and contractors’) roles and responsibilities

•All staff will 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 will be mentored as part of their ‘on the job’ training

•Staff and contractors shall have defined roles and understand what is required of them and what others will carry out

•Training and instruction of staff and contractors will be recorded in the training plan; the training plan is kept in the site office

**Energy Use and Efficiency**

|  |  |
| --- | --- |
| **Energy Source** | **Use** |
| Electricity | Lighting, ventilation, feed augers, water pumps |
| Diesel | Pressure washers and vehicles |
| Bottled Gas | N/A |

**Climate Levy Agreement (see non-technical summary for details).**

**New Finisher Energy Usage:**

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

* 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 to minimise, as far as the indoor requirements allow, heat losses from the sheds
* Fans are fitted with back draft shutters to reduce heat
* The sheds are maintained in good condition
* The sheds are fully insulated to reduce condensation and unnecessary heat loss / heat gain.

**Energy efficiency review**

**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 lights are used in the control/vestibule areas, throughout the farm building, the office and stores.
* Buildings insulated to reduce the need for temperature control and try to improve overall energy efficiencies.

**Fuel oil**

* All staff and contractors employed on site will be trained in the efficient use of equipment, including driving techniques. Training needs are reviewed annually and as new equipment or techniques are introduced.
* No gas bottles on site.
* Energy usage shall be 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 (JSR business is within climate levy agreement).

**Further potential improvement measures include:**

* Installation of solar PV or other potential renewable resources.

**Efficient use of raw materials**

* Types and amounts of raw materials that will be used on farm shall be 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 shall be measured monthly 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.

**Norm**

**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.

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.

Other relevant documents in Management Systems appendix:

Pollution Incident Record Document

Site Closure Plan

Climate Change Risk Assessment