

## Appendix 6: Technical Standards: Carkin Moor Farm

### Pollution Prevention Measures

All operations are assessed annually for opportunities to reduce pollution risk and implementation schedules developed as appropriate.

All staff are trained in pollution risk identification, minimisation and emergency procedures for general site activity and activity relating to their work duties.

There is an accident management plan in place with a procedure to review incidents.

Please refer to Appendix 3, Summary of Environmental Management System and Appendix 5, Environmental Risk Assessment for details of site operations, systems and techniques.

### Table of Emission Points

Emission Point Reference	Emission Point Description and Location	Source
<b>Air</b>		
Appendix 4 – site layout plan	Ventilation outlets – high velocity fans with an efflux velocity of 11m/s.	Outlets on poultry housing as located in App 4b
Appendix 4 – site layout plan	Dirty water system	Dirty water tanks and drainage
Various	Landspreading – all exported to third party	N/A
Fixed generator	Generator exhaust output (intermittent activity)	Exhaust fumes

<b>Water</b>		
Appendix 4a	Clean roof and yard water directed to attenuation ponds and discharge 1 (south building) and discharge 2 (north building) from poultry buildings 1 & 2 respectively.  All contaminated drainage directed to dirty water storage.	Roof water from all buildings and clean water from uncontaminated yard areas
<b>Land</b>		
Various	Poultry litter and dirty water all exported to third party	N/A

### **Pollution Prevention Measures – Summary Statements**

#### **Fugitive Emissions**

Appropriate measures for preventing and minimising fugitive emissions are in place in accordance with the SGN EPR6.09 'How to comply with your environmental permit for intensive farming'. Buildings are maintained in good repair. Areas around buildings are kept free from build-up of litter and spilt feed. Footbaths are managed so that they do not overflow. Hedge and tree planting around the site helps to minimise the dispersion of dust.

Drainage from animal housing and water from cleaning out is piped to the dirty water stores as shown on the site drainage plan. Clean drainage systems are not contaminated.

#### **Dust**

Feed is stored in purpose built covered feed silos. All feed is delivered to the farm by lorry. Feed is blown directly from the lorry into the storage silos, through sealed system. Feed is piped from the feed bins to the adlib feeders in the sheds, minimising dust emissions.

No bedding materials used.

Ventilation systems are operated to achieve optimum humidity levels in relation to weather and seasonal conditions. Up to date monitoring and control systems are installed. Fans regularly serviced and cleaned. The Fumus 2 is an exhaust air chimney with intake, so air is also expelled from the roof as well as fresh air drawn in. One inlet and one outlet.

Rainwater run-off is routed to an attenuation pond.

There is a backup fixed generator which meets regulatory requirements for technology, operation, testing and reporting (if applicable).

### **Carcass management**

Fallen stock is disposed of in accordance with the current Animal By-Products Regulations. Dead birds are removed from the houses on a daily basis and the numbers recorded. They are held in a freezer until they are removed by a fallen stock contractor.

### **Flies**

There have been no incidents of fly nuisance at the farm. Appropriate actions will be put into place to prevent and control flies should a nuisance arise.

### **Waste**

There is a policy to avoid waste production where possible. There are dedicated storage areas and facilities and waste is collected by licensed contractors for re-cycling or disposal.

Veterinary waste is removed by the vet for safe disposal. Other hazardous waste, such as fluorescent light bulbs, waste oil, aerosols, etc. are removed by a licensed contractor with an adequate audit trail, meeting the requirements of the Environmental Permitting Regulations

Regular checks made for rubbish dumped by third parties.

Please refer to the latest version of the installation's Waste Review for a detailed breakdown of waste types produced and reduction/recycling/disposal protocols.

### **Bunding and containment**

#### **Agriculture Fuel oil and other chemical storage**

Disinfectants and veterinary medicines are kept in a store capable of retaining spillage, resistant to fire and are kept dry, frost free and secure.

There are no fuel tanks on the installation. Any spillages from for example, vehicle fuel tanks, will be contained using materials held on site.

### **Foodstuffs**

Feed is stored in purpose built covered feed silos. See 'Dust' section above. There is no liquid feed storage. Feed storage vessels are protected from collision damage by curbing and barriers. There is no milling and mixing on site.

### **Odour**

There are sensitive receptors within 400m of the farm. All are related to the operation of the installation. Due to the proximity of residential housing, an Odour Management Plan is therefore required, though there is no history of odour complaints. The Odour Management Plan conforms with the SGN EPR6.09 'How to comply with your environmental permit for intensive farming' and the H1 Environmental Risk Assessment (Appendix 5).

This plan will be reviewed in the light of any building and management changes, and on the outcome of investigations into the causes of any future complaints, if any occur.

Any complaints will be recorded and investigated using the guidance from EPR 6.09 3.1 and 3.2 odour and emissions management on intensive livestock installations.

### **Noise and vibration**

There are sensitive receptors within 400m of the farm. All are related to the operation of the installation. Due to the proximity of residential housing, a Noise Management Plan is therefore required, though there is no history of noise/vibration complaints. The Noise Management Plan conforms with the SGN EPR6.09 'How to comply with your environmental permit for intensive farming' and the H1 Environmental Risk Assessment (Appendix 5).

This plan will be reviewed in the light of any building and management changes, and on the outcome of investigations into the causes of any future complaints, if any occur.

Any noise complaints will be reported to the operators who will log and investigate causes of all complaints; identifying the source of the noise issue and monitoring noise levels as part of the investigation. The complaint details and subsequent investigation will be recorded on the noise complaint form and a copy will be kept in the site office.