

Appendix 6: Technical Standards (Cedarwood Farm)

11/05/20

Operations

The farm operates in accordance with the Sector Guidance Notes (SGN) EPR6.09.

Feed

Wheat is grown at Carr Farm and also purchased locally and milled by the company's feed mill on the Carr Farm site. The company also purchases other ingredients to complete the diets. Milled feed is transported in a sealed bulker unit to the site and directly transferred to the feed bins.

Feed Management

Feed is stored in fully enclosed feed bins which are situated adjacent to the poultry houses. The feed bins are situated away from site traffic to avoid collisions. Bollards/barriers are also placed around the bins. Selection and use of feed is in accordance with SGN EPR6.09. Birds are fed a minimum of five diets throughout the cycle. Phosphorus levels in rations are reduced over the production cycle and protein is reduced over the growing period based on bird needs. Diets are recorded and continually monitored.

Housing

Housing design and management is in accordance with the SGN EPR6.09. The ventilation system is predominantly ridge fans with secondary gable end extraction fans which would only be used in extremely hot weather.

The houses are insulated with fibreglass material which has a U-Value of approximately 0.2 W/m²/°C.

All houses are fitted with a nipple drinker system with anti-drip cups below. The poultry houses are a combination of belt-clean and end of cycle muck-out. The belt-clean is run twice per week and emptied into a dedicated trailer which is immediately removed from site and exported for use on arable land. The end of cycle muck-out is carried out by a small mechanical loading shovel tipping the manure into trailers before being exported to surrounding farms and spread on arable land.

General Management

All farm buildings are regularly inspected and maintained. Poultry houses are kept clean including the walls and floors of the buildings.

Poultry Numbers and Movements

Passports are held for each bird and movement details are documented.

Manure Management Planning

All manure will be immediately removed from site and exported to farms independent of K Fresh Ltd for storage and spreading on arable land.

Improvement Programme

A review of the efficiencies of each house is carried out every 12 months and held on file. A review of drainage systems on the site will be carried out every 12 months and held on file.

Emissions and Monitoring

There is a septic tank for sewerage and two catch tanks for wash water. All are built to conform to specifications in SGN EPR6.09, and has no emissions to surface water or land.

Table of emission points

Emission Point Description	Source	Location
Air		
Ridge extraction fans	House 1	Identified on Site Layout Plan – Appendix 1a
Gable end extraction fans (secondary)	House 1	Identified on Site Layout Plan – Appendix 1a
Ridge extraction fans	House 2	Identified on Site Layout Plan – Appendix 1a
Gable end extraction fans (secondary)	House 2	Identified on Site Layout Plan – Appendix 1a
Exhaust on generator	Generator	Identified on Site Layout Plan – Appendix 1a
Water		
Rain water – house exterior	Roof guttering on both houses	Identified on Site Drainage Plan – Appendix 1c
Rain water – yard areas	Concrete yard area in front of both houses	Identified on Site Drainage Plan – Appendix 1c
Wash water – house interior	Concrete aprons/gulleys	Identified on Site Drainage Plan – Appendix 1c
Rain water - Land drains	House roof/land	Identified on Site Drainage Plan – Appendix 1c

Fugitive Emissions

Appropriate measures for preventing and minimising fugitive emissions are in place in accordance with the SGN EPR6.09. Buildings are maintained and in a good state of repair. The manure is removed by a combination of belt-clean twice per week and at the end of the laying cycle (76-weeks). In both cases the manure is removed from the site immediately via a tractor and trailer therefore there is no build-up of manure anywhere on the site. Footbaths in the entrance to all houses are managed to ensure they do not overflow. Spent disinfection is disposed of safely. Cleaning and disinfection takes place after de-population of houses.

Dust

Feed is transported to the site in a sealed bulker unit and is transferred into sealed feed bins via a sealed pipe.

The poultry houses are a combination of belt-clean and end of cycle muck-out. The belt-clean is run twice per week and emptied into a dedicated trailer which is immediately removed from site and exported for use on arable land. The end of cycle muck-out is carried out by a small mechanical loading shovel tipping the manure into trailers before being exported to surrounding farms and spread on arable land. Houses are ventilated by the use of extraction fans in order to reduce the build-up of dust particles within the houses.

Mortality Management

Bird mortalities are removed immediately from the houses and placed in an internally located locked freezer. The contents are removed weekly and taken to Carr Farm to be incinerated immediately.

Flies

The poultry houses are a combination of belt-clean and end of cycle muck-out. The belt-clean is run twice per week and emptied into a dedicated trailer which is immediately removed from site and exported for use on arable land. The end of cycle muck-out is carried out by a small mechanical loading shovel tipping the manure into trailers before being exported to surrounding farms and spread on arable land. This system effectively reduces any fly infestations of the farm. Should a fly infestation occur then appropriate specialist assistance will be sought.

Generator (incorporating diesel storage)

The generator has a built-in bunded diesel tank which supplies the fuel to the generator. The generator is relatively new and is in excellent condition.

Odour

There are no residential dwellings situated within 500m from the installation, therefore there is no requirement to carry out an Odour Management Plan. As this is a new installation, there is no history of complaints relating to odours resulting from the activities carried out at the farm.

Noise and Vibration

There are no residential dwellings situated within 500m from the installation boundary, therefore there is no requirement to carry out a Noise Management Plan. As this is a new installation, there is no history of complaints relating to odours resulting from the activities carried out at the farm.