



Technical Standards Summary

Moy Park Limited

**Alison's Farm
Land at High Dyke
High Dyke
Great Ponton
NG33 5BQ**

Permit number EPR/DP3642QD

Operations

The operation of the farm will be in accordance with SGN EPR6.09 'How to comply with your environmental permit for intensive farming'.

Feed

Selection and use of feed is in accordance with SGN EPR6.09 'How to comply with your environmental permit for intensive farming'.

Protein is reduced over the growing cycle by providing different feeds.

Phosphorus levels in rations are reduced over the production cycle.

Feed storage bins are specifically designed to accommodate the required feeding regime.

Housing

Housing design and management is in accordance with SGN EPR6.09 'How to comply with your environmental permit for intensive farming'.

The housing is well insulated and the sheds have a damp proof course.

The sheds are fully insulated with a U-Value of approximately 0.4 W/m²/°C to reduce condensation and heat lost.

The sheds are fan ventilated with a fully littered floor equipped with non-leaking drinking systems. Broiler House ventilation is provided by side inlets and high velocity ridge extract fans. Litter is kept loose and friable. The quality is regularly

inspected to ensure it does not become excessively wet or dry. Steps as described in SGN EPR6.09 'How to comply with your environmental permit for intensive farming' will be taken to rectify any changes to the quality of the litter.

Temperature in the sheds meets the health and welfare needs for the age and number of the birds.

Underfloor heating is supplied via the LPG heaters are spaced regularly within the sheds to prevent cold spots and extremes of temperature. The fans are fitted with back draft shutters to prevent drafts and unnecessary heat loss.

The shed is accessed via the control room/vestibule area, which prevent drafts.

A computer automatically controls ventilation and heating so that heat is not wasted by being drawn out of the building.

The ventilation management system controls the ventilation rates depending on the health and welfare needs of the birds and the outside weather conditions.

General Management

In accordance with the management system at the farm, the buildings are regularly inspected and maintained. The floors and walls of the sheds are kept clean.

The site is regularly inspected and well maintained.

Livestock Numbers and Movements

A system is in place to record the number animal places and animal movements.

These records will be available for inspection. There is no intention to change the number of bird places. Birds will be stocked across all houses at a lower stocking density in order to meet our 'Better Chicken' welfare commitment.

Slurry spreading and manure management planning – (off site-activity)

Litter is not stored at the installation.

Litter is not spread on land belonging to the Operator.

Litter is exported from the installation. Records are kept of the quantities and the date of transfer.

Contingency arrangements are in place with alternative litter collection contractors to accept the manure in case of an emergency.

In circumstances where the litter is exported for spreading to land, records are kept of the names and addresses of the receiving farms.

The receiver of the manure confirms by signing a docket that litter is spread to land in accordance with the 'Protecting our Water, Soil and Air – A Code of Good Agricultural Practice for farmers, growers and land managers' and 'Farming rules for water – getting full value from fertilisers and soil' and in accordance with the manure management plan for the receiving land.

Improvement Programme

We have undertaken a housing and drainage review of the existing shed and existing site drainage and have identified the following improvements.

Area needing Improvement	What needs to be done – possible solutions	Proposed cost	Proposed timescale for completion from point of permit being issued
Attenuation pond outlet slide gate	Slide gate needs to be permanently removed to prevent water backing up	Unknown – quote requested	3 months

The additional drainage required for the extended site will meet the requirements of SGN EPR6.09 'How to comply with your environmental permit for intensive farming'.

Emissions and Monitoring

Table of emission points Emission point description/source and location	Source
Air	
High velocity roof fan outlets on poultry houses 1 to 8	Poultry houses 1 to 8 as shown on site layout plan
Gable end fan outlets on poultry houses 1 to 8	Houses 1 - 8 as shown on site layout plan
Vent from oil tank	Diesel tank as shown on site layout plan
Exhaust from standby generator	Standby Generator as shown on site layout plan
Land	
French drains and unlined attenuation pond as shown on the site plan	Roof water from houses 1 to 6
French drains and unlined attenuation pond as shown on the site plan	Roof water from houses 7 to 8
Water	
Outlet to surface water drainage ditch west of the site.	Roof water from poultry houses 1 to 6, water draining from yard (excluding all times yards are potentially contaminated e.g. catching, mucking out or washing). Discharge – underground pipe crossing the site boundary at SK 93832 30993 and discharging at SK 93417 31247 into an unnamed ditch which discharges into the River Witham
Outlet to surface water drainage ditch west of the site.	Roof water from poultry houses 7 to 8, water draining from yard

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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 manure and spilt feed.

Footbaths are managed so that they do not overflow.

Drainage from animal housing and water from cleaning out is collected in an underground storage tank as shown on the site drainage plan. Diverter systems are used from thin and during wash down periods to prevent the contamination of surface water systems and to divert the wash water to the dirty water tanks. Clean drainage systems are not contaminated.

Drainage from yards contaminated by litter or wash water is collected in a dirty water tank.

Dirty water drainage will be installed in relation to the two proposed poultry houses and tie in with the existing foul water system and tanks which has been assessed as capable of dealing with the volumes of wash water generated at the site.

The existing wash water tank conforms to specifications in SGN EPR6.09 'How to comply with your environmental permit for intensive farming'.

Spent disinfectants are added to the dirty water collection tanks.

Dust

Feed is stored in purpose built covered feed silos located between the broiler sheds. No milling or mixing of feed takes place at the farm. All feed is delivered to the farm by lorry from feed suppliers. Feed is blown directly from the lorry into the storage silos. Feed is piped from the silos to the sheds, minimising dust emissions.

Ventilation systems are operated to achieve optimum humidity levels for the stage of production in all weather and seasonal conditions.

Control of minimum ventilation rates is planned to avoid the build-up of moisture in the house. Ventilation is appropriate to the age and weight of the birds.

The sheds are managed to maintain the poultry litter in as dry and friable condition as possible. Dust is controlled through the management of litter and air quality.

Rainwater run off around the sheds is collected by guttering, French drains running along the back of the sheds. The drainage system directs lightly contaminated runoff to the soakaway as indicated on the site drainage plan.
Litter is not stored on the site.

Carcass Management

Bird mortalities are removed each day and the numbers are recorded. The carcasses are held in covered, locked, vermin-proof bins prior to removal from site by licenced animal by- product contractor(s) to be taken for rendering in accordance with the Animal By- Products (Enforcement) (England) Regulations 2013.

Flies and Pest Control

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. There is a Pest Management Plan in place for the farm and a contracted pest management firm carries out regular assessments and responds according to need.

Bunding and Containment including agricultural fuel oil and other chemical storage

The fuel oil storage tanks for the generators are banded. The bands meet the requirements of the Water Resources (Control of Pollution) (Silage, Slurry and Agricultural Fuel Oil) Regulations 2010 (SSAFO Regulations) and meet the requirements outlined in SGN EPR6.09 'How to comply with your environmental permit for intensive farming'. The tanks are regularly inspected.
The Liquid Petroleum Gas tanks are protected from collision damage by guard rails. Pesticides and veterinary medicines are not routinely kept on site. Pesticides are brought to the site, used and removed from the site as necessary by regulated contractors. The same principles apply to veterinary medicines as prescribed by authorised veterinarians.

Foodstuff

Feed is kept in silos adjacent to the broiler sheds. No liquid feed is stored at the site. The silos are sited away from site traffic and protected from collision damage, being located between the poultry houses.

Odour

There are no sensitive receptors within 400m of the farm.
There is no history of odour complaints resulting from the activities at the existing broiler farm.

In accordance with the SGN EPR6.09 'How to comply with your environmental permit for intensive farming' and the H1 assessment refer to the Odour Management Plan.

Noise and Vibration

There are no sensitive receptors within 400m of the farm.

There is no history of noise complaints resulting from the activities at the existing broiler farm.

In accordance with the SGN EPR6.09 'How to comply with your environmental permit for intensive farming' and the H1 assessment refer to the Noise Management Plan.