

# Thurlby Non Technical Summary



## **L J FAIRBURN AND SON LTD, THURLBY SITE, THURLBY ROAD, BILSBY, NR ALFORD, LINCOLNSHIRE, LN13 9JJ**

This site will have an operational capacity for two free range poultry houses with a total of 64,000 places for laying hens. The Laying birds are housed at approximately 16 weeks old and remain for a 60 week egg producing cycle. The poultry houses are then depopulated, cleaned and disinfected ready for the next cycle.

The poultry houses have manure belts, and the manure will be collected from the farm every 3-4 days by tractor and trailer. No manure is stored on site. All manure is transported off site to LJ Fairburn & Son farms for use on agricultural land or sold to local farmers.

The free range houses are built of steel framework sited on a concrete base, insulated and then cladded with steel sheeting. Roof fans act as inlets only with fans that push air into the shed. All extraction fans are on the gables and sides of the building. The gable end fans are used infrequently for temperature control during hot weather. Climate control system ventilation will assist in the creation of a dry internal environment with a litter moisture content below 40%, thereby ensuring low odour/ammonia emissions and conditions unsuitable for fly breeding.

Pre-mixed feed is brought in from our own UKAS approved feed mill and stored in silos nearby the poultry sheds. Diets are formulated according to the birds age and nutritional requirements. Protein and phosphorus levels are routinely reduced as the birds get older. Nipple drinkers are situated in each poultry shed and water consumption is monitored and recorded daily. Low energy lighting is used throughout.

Any mortalities are collected and recorded daily. The carcasses are then sprayed with blue stock marker spray and placed into a lockable bin. These bins are emptied weekly and the carcasses removed from the site by an approved contractor (A Hughes & Son - Skellingthorpe) who incinerate the dead stock at correctly licensed premises.

At the end of the laying cycle the birds are removed from the shed and the manure is taken away in covered trailers by L J Fairburn. The shed is then blown down to remove any dry matter before being washed and then disinfected with Lion Code/ APHA approved chemicals. The dirty wash water that is generated in this process is collected in a waste water tank; the contents of which are spread on separately owned land in accordance with the Defra Codes of Good Agricultural Practice.

These measures are intended to reduce the production and emission of ammonia, odours, dust and to prevent liquids escaping to the environment. This in turn should reduce the environmental impact of the farming activities.

All land immediately surrounding Thurlby Site is in agricultural use. The most proximate land in residential use comprises a dwelling located marginally over 280 metres to the north of the poultry shed. The village of Thurlby is located 0.8 kilometres to the east of the unit and the village of Bilsby is located 1.2 kilometres to the west of the site.

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The site includes a comprehensive surface water drainage scheme designed to avoid adverse impacts upon surface water flow. This will be achieved through the discharge of roof and surface water into a substantial drainage attenuation PVC crate soakaway with restricted flow into an adjoining ditch