

Aberdeen and Northern Ltd., Nether Glasslaw FRE Farm, New Pitsligo:- (PPC Application for new permit)

NGF. 1 Non-Technical Summary

The proposal for two additional poultry unit (2 houses in parallel) at Nether Glasslaw Farm is to extend their existing free range egg business which presently has 2 No. houses, up to 4 , housing 64,000 birds in total. The new houses would be sited to the west of existing units. The land proposed for both the houses and the free range all lie within the ownership of the parent company, Aberdeen and Northern Eggs Ltd.

Construction of the proposed house is planned for 2024/25. When complete, the site, including the new range would comply with the greater area required for Scottish Government of 40 Ha. cf. the standard 32 Ha for this size of flock for free range egg units. (RSPCA guidelines). The site lies within the Moray, Aberdeenshire Banff and Buchan Nitrate Vulnerable Zone.

Construction of the house would be to the latest, *best practice* standards, with high insulation of walls and roofs and with an impermeable liner underneath the houses (DPM). These would not only retain heat and create a stable environment, but would allow for temperature and humidity management by use of adjustable ventilation fans and air inlets. High insulation would also help prevent condensation and avoid the negative repercussions associated with that.

All 'normal operational' air inlets will be located on the buildings roofs and main ventilation exhausts roof mounted though high velocity chimneys mounted on the southern end of each house. Auxiliary extraction fans will also be roof mounted.

Air movement is largely established through extraction fans although some air movement will occur through 'pop-holes'.

All climatic conditions are computer controlled with appropriate alarm systems to ensure climate consistency.

Heat supplied to the houses (new and old) air space is mainly derived from the birds themselves. Additional heat will be supplied from a wood chip fired boiler which will be used to generate warmed fresh air with lower humidity onto the manure belts through directional nozzles. This targets the drying of manure and prevents ammonia generation.

Primary electricity source will be from roof mounted Photo Voltaic Cells and augmented by a supply from the national grid.

Birds will be introduced at approx. 16 weeks old and based on present conditions, will be retained for up to 65 weeks, before depletion. Old birds will be ultimately directed to the food chain.

Birds are introduced onto a littered floor (wood shavings) and this topped up if needed throughout the cycle.

The business will operate on an 'aviary' system with extended belts, collecting manure from under the nest boxes, perches, drinking and feed stations. Belts will be operated 2-3x / week and manure removed from the house by closed conveyor belt directly to an existing covered manure store.

The existing range has been planted up with shrubs / bushes and the future range would also be planted up in this way.