

Non-Technical Summary

JRL Craigie & Sons has two sheds, each housing 16,000 free range birds, and are proposing to build a third shed, which will house an additional 32,000 free range birds. The location of the new shed has been chosen because of its proximity to the existing sheds. The new shed will be built on greenfield land.

Sheds 1 and 2 have efficient gable end fans with roof inlets. Shed 3 will have high velocity efficient roof fans. These sheds have optimised ventilation systems and are well insulated. Shed 3 will have low energy LED lights installed and lights in Sheds 1 and 2 are being replaced with LEDs.

Mains water is used within the sheds and water meters will be regularly monitored. Nipple drinkers are used within the sheds. Each shed has feed bins and these are fitted with Collinson dust cyclones. Litter will be removed from the sheds three times a week, into a trailer, and sent to local anaerobic digestion plants for treatment. Balanced diets with low crude protein levels are used.

The principal emissions from the unit will include ammonia and dust. The ammonia and dust impact of the installation has been evaluated using the SCAIL screening tool and as a result of pre-application discussions with SEPA, ammonia modelling has been carried out for the installation. Measures have been implemented on site to reduce ammonia generation such as feeding birds low crude protein diets. In addition, trees will be planted on each range to help screen the installation and help trap dust and reduce emissions.

A set of management plans (including odour, noise, incidents, decommissioning) have been developed to complement this application.