

## Ammonia Screening – Wright Eggs Ltd – The Poultry Site

- Site Address: The Poultry Site, Hagnaby Lane, Stickford, Boston, Lincs, PE23 4AL
- The ventilation system in the poultry house is mechanical ventilation. It is not naturally ventilated.
- The new Poultry house has roof fans which 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 existing house has high velocity roof fans. 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. Please see *Site ventilation and extraction doc*.
- The poultry house has 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.
- There are no slurry storage facilities on the site.
- The site will house 64,000 Free Range Laying Hens on partly slatted flooring.
- The most appropriate ammonia emission factors for the housing type is - •
  - Ammonia (64,000 x 0.08 emission factor /3),
  - Methane (64,000 x 0.078 emission factor)
  - and PPM10 (64,000 x 0.1 emission factor)
- Site plan – Please see the *Drainage Plan and Site Plan*

RC 27/09.24

