



GENERAL RISK ASSESSMENT

DEVELOPMENT: IPPC PERMIT VARIATION- EPR/KP3130HL/V005

LOCATION: Great Ness Poultry Farm
Rodefern Lane
Nesscliffe
Shrewsbury
Shropshire
SY4 1AT

CLIENT: Great Ness Poultry Limited

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Reviewed annually by the Sites Manager.

Risk Assessment for *Great Ness Poultry Farm*, based on the accident management plan and aligned with BAT 2017 requirements. There will be no changes to this risk assessment as a result of the permit variation.

Hazard	Potential Consequences	Likelihood	Severity	Risk Rating	Control Measures	Residual Risk
Chemical/fuel spill	Soil/water contamination, fire hazard	Medium	High	High	Bunded storage, spill kits, staff training, regular inspections	Low
Manure/dirty water leakage	Nutrient pollution of land/water, odour, fly infestation	Medium	Medium	Medium	Impermeable surfaces, regular removal, drainage separation. There is no manure storage within the permitted site.	Low
Fire/explosion	Loss of livestock, structural damage, air pollution	Low	High	Medium	Fire extinguishers, alarms, firebreaks, electrical checks, staff fire training	Low
Disease outbreak	Mass mortality, business disruption, environmental contamination	Low	High	Medium	Biosecurity controls, vet oversight, isolation protocols, DEFRA reporting	Low
Ventilation failure	Heat stress, suffocation, bird mortality	Low	High	Medium	Alarmed systems, backup fans, daily checks, emergency response plan	Low
Power outage	System failure (feeding, lighting, ventilation), animal welfare issues	Medium	High	High	Backup generator, fuel supply, regular testing, maintenance contracts	Low
Flooding/extreme weather	Infrastructure damage, manure runoff, access issues	Low	Medium	Low	Site elevation, drainage design, weather monitoring, emergency access planning	Low
Unauthorised access/vandalism	Biosecurity breach, theft, damage to infrastructure	Low	Medium	Low	Perimeter fencing, CCTV, locked access points, visitor log	Very Low
Falling from a height	Harm to personal	Low	Medium	Low	Staff must inform other members of staff when working at a height and must not be alone. Harnesses must be used where appropriate.	Low
Feed contamination	Animal illness, reduced productivity, potential environmental contamination via manure	Low	Medium	Low	Secure feed storage, supplier checks, pest control, regular cleaning	Very Low

Emergency Preparedness

- Fire extinguishers and fire blankets near boiler room
- First aid kits and trained staff on site
- Emergency shut-off switches clearly marked and accessible
- Evacuation plan posted and practiced regularly

Best Available Techniques (BAT) Referenced (2017)

- BAT 2: Regularly check, repair and maintain structures and equipment, such as: ventilation system and temperature sensors and feed systems
- BAT 2: Accident prevention and response procedures, emergency preparedness plans, training of staff in accident scenarios
- BAT 5: Inventory of water use
- BAT 10: Reduce Noise emissions
- BAT 11: Ash handling systems with minimal dust release
- BAT 29: Monitoring of animal deaths, feed consumption, manure generation, water and electric consumption to predict any issues before an incident occurs

Practical Fire Risk Measures (Aligned with BAT)

- Fire detection and alarm systems
- Fire extinguishers and suppression systems
- Regular inspection of electrical and heating equipment
- Dust control in drying areas
- Safe distances between combustible materials and heat sources
- Staff fire safety training and drills

