# Noise Management Plan

Kirkburn Grange

JKB Mgginson & Sons Limited

The operations at Kirkburn Grange Farm broiler site have the potential for noise production, prevailing wind is from the south west indicating the receptors located to the north east of Kirkburn Grange Farm site would potentially be the highest at risk, the following plan has been prepared as part of the EPR permit application to prevent or minimise noise at Kirkburn Grange Farm site, siting and location of noisy operations are sited as far as practical from nearest receptor.

Kirkburn Grange Farm poultry operations have sensitive receptors within 400m of the site boundary. The Table below gives location and direction of all sensitive receptors within 400m.

## Kirkburn Grange Farm

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Receptor  Name | Description | Distance | Orientation | National Grid  Reference |
| Residence | Operator farmhouse | 60m | South | 496699,456936 |
| Sandy Pit cottages | Residential | 320m | North East | 497260,457841 |

A walk around assessment will be conducted to establish possible sources of noise emissions, and consideration given to different operations occurring during the whole of the production cycle.

Plan to be reviewed every year from permit issue date, prior to any major changes to operations (to ensure effectiveness) or following any complaint, any changes to NMP or other management plans to be documented dated and signed and Area Officer notified.

# Noise Management Kirkburn Grange Farm

The main possible noise sources/operations are listed below:

1. Ventilation Fans
2. Feed Deliveries
3. Feeding Systems
4. Fuel Deliveries
5. Alarms Systems
6. Bird Catching
7. Clean out Operations
8. Maintenance + Repairs
9. Set up and Placement
10. Standby Generator testing

A table listing these sources with measures to control/reduce noise emissions is listed below. In the event of a complaint a report would be filled in (example attached)

The measures given in Noise plan reference the Noise Assessment document completed as part of the H1 Assessment Other reference documents are the Emergency plan, Technical Standards and Routine Maintenance Schedule.

No monitoring procedure implemented at present, this would be reviewed following a substantiated complaint

## Complaints Procedure

In the event of a complaint the complaint form will be filled out. Area officer will be notified as soon as possible.

The cause will be investigated immediately and measures implemented to remedy the cause. If the complaint is substantiated a review of the NMP will be instigated and any changes made will be communicated to Area officer for approval.

# Noise Management Plan

|  |  |  |  |
| --- | --- | --- | --- |
| Potential Noise Problem | Minimisation Techniques | In Place Y/N | Completion Date |
| Operations and Machinery | Screened behind buildings or by woodland  surrounding site as far as practical | Yes |  |
| Ventilation Fans | Noise assessed during twice daily inspections (07.00-10.00 hrs and 16.00-18.00 hrs)  Large capacity (gable fans only operated for hot weather cooling) and side mounted fans, reducing number of fans required  Fans operated on an intermittent programme | YES YES  YES |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Regular end of cycle maintenance by qualified electrician. See routine maintenance schedule Any noisy fans isolated and electrician notified See Inspection and maintenance schedule/Technical standards  See site plan | YES YES |  |
| Feed Deliveries | Delivery lorries fitted with silencers  Large capacity lorries to reduce no. of deliveries Road/track maintenance checked weekly  Feed delivery time restrictions can be implemented 07.00hrs - 19.00hrs.  Feed bins screened and sited away from receptors as far as practical | YES YES  YES YES | continuous |
| Feeding Systems | Daily inspections of bin stocks to prevent augers running empty (07.00-10.00 hrs and 16.00-18.00 hrs)  Internal feeders checked twice daily to ensure correct operation (07.00-10.00 hrs and 16.00-  18.00 hrs)  Regular end of cycle maintenance by qualified electrician. See Inspection and maintenance | YES  YES YES |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | schedule/Technical standards |  |  |
| Vehicle Movements on site Large and Small | Speed restriction on site (10 mph). No engines to be left idling.  Vehicles routed to minimise disruption to nearby receptors.  Vehicles checked by Manager for excessive noise | YES  YES YES |  |
| Fuel Deliveries | Time restricted if required (07.00-19.00hrs) Large delivery vehicles reducing number of deliveries | YES |  |
| Alarm Systems | Use of pagers or mobile phones No audible alarms on site | YES |  |
| Bird Catching | Catch teams fully trained and advised prior to catching birds of need to keep noise to a minimum by site manager ie. no shouting or playing of loud music.  Crates to be placed handled carefully prior to house entry  Lorries scheduled to minimise duration of catch Doors operated for entry and exit of forklift Lorries parked as close as possible to doors to | YES  YES  YES YES YES |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | reduce forklift travel  Screen curtains fitted to lorries See Inspection and maintenance  schedule/Technical standards/Key responsibilities | YES |  |
| Clean out operations | Litter removal during normal working hours (07.00-19.00 hrs)  Trailers parked as close as possible to doors to reduce loader travel  Large trailers used to reduce traffic Washing done during normal working hours 07.00hrs - 19.00hrs. See Inspection and  maintenance schedule/Technical standards/Key responsibilities | YES  YES  YES YES |  |
| Maintenance/Repair | During normal working hours (07.00-19.00 hrs) excepting emergencies/breakdown  Routine end of cycle servicing. See Inspection and maintenance schedule/Technical standards/Key responsibilities | YES YES |  |
| Set up/Placement | Normal working hours 07.00hrs - 19.00hrs. See | YES |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Inspection and maintenance schedule/Technical standards/Key responsibilities |  |  |
| Standby Generators | Test run during normal working hours 07.00hrs - 19.00hrs each Monday. Housed within insulated building/jacket. See Inspection and maintenance schedule/Technical standards/Key responsibilities See site plan | YES |  |

## Key responsibilities

|  |  |
| --- | --- |
| **Task** | **Staff position responsible** |
| Noise assessments | Manager |
| Ventilation fans | Site Supervisor/Maintenance team |
| Roadway maintenance | Manager |
| Vehicle maintenance | Manager/Mill Transport Manager |
| Daily feed bin inspections | Site Supervisor/Stockman |
| Internal feeder checks | Site Supervisor/Stockman |
| Overseeing deliveries | Site Supervisor/Stockman |
| Overseeing bird catching | Site Supervisor/Stockman |
| Overseeing cleanout operations | Site Supervisor/Stockman/Manager |
| Alarm system/standby generator testing | Site Supervisor/Stockman |

Signed Date Review Date

**Noise Complaint Form**

|  |  |  |  |
| --- | --- | --- | --- |
| Installation to which complaint relates | | Date received | Reference number |
| Name and Address of Caller |  | | |
| Telephone Number |  | | |
| Location of caller to Installation |  | | |
| Time and Date of complaint |  | | |
| Date/Time and Duration of  Noise |  | | |
| Callers description of Noise |  | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Other comments from caller | |  | | |
| Weather conditions | |  | | |
| Wind direction/Speed | |  | | |
| Any previous complaints  relating to this noise | |  | | |
| Any other comments | |  | | |
| Other information | |  | | |
| Potential source of noise | |  | | |
| Operations being carried out at time of complaint | |  | | |
| Follow up. Date/Time caller Contacted | |  | | |
| Action Taken: | |  | | |
| Amendments required to plan | |  | | |
| **Completed By:** |  | | **Signed:** |  |