**Dust Management Plan**

**Hergest Camp Farm Poultry Unit**

Hergest Camp Farm operations have sensitive receptors within 100m of the site boundary.

The table below lists receptors within 100m of the boundary

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Receptor Name | Description | Distance | Orientation | National Grid Reference |
| Staff cottage 1 | Staff Dwelling | 24m | South | 327568,254570 |
| Commercial | Commercial | 28m | East | 327750,254604 |
| Commercial | Commercial | 95m | East | 327811,254643 |
| Commercial | Commercial | 30m | East | 327754,254677 |
| Commercial | Ridgeview Ind Est Units 1-6 | 28m (nearest) | East | 327750,254604 |
| Commercial | Commercial | 25m | East | 327738,254654 |
| Commercial | Commercial | 42m | East | 327751,254643 |
| Commercial | Commercial | 18m | East | 327696,254567 |
| Commercial | Commercial | 61m | East | 327781,254658 |
| Commercial | Commercial | 60m | East | 327767,254637 |

The main possible dust sources/operations are listed below:

1. Feed Deliveries
2. Feeding Systems
3. Bedding
4. Litter management
5. Stock inspections
6. Ventilation
7. Clean out Operations
8. Bird numbers

A table listing these sources with measures to control/reduce dust emissions is listed below.

|  |  |  |  |
| --- | --- | --- | --- |
| **Source** | **Method** | **Reduction Technique** | **Implementation** |
| Feed | Feed delivery to Silos  Feed milling  Feed Ingredients  Feed delivery system  Feed spillages | Vents from silos covered to prevent release to atmosphere  No milling undertaken  Oil coating on pellet  Some use of maize within diets  Sealed pipe delivery into poultry houses, free fall of feed into hoppers minimised by covers on hoppers, pan feeding system on timed feeding preventing over feeding  Any feed spills cleared up immediately. | In place  N/A  Limited as not in operator control  In place  Continuous to prevent dust or potential contamination of water course |
| Bedding | Bedding Type | Use of dust extracted shavings | In place |
|  | Bedding depth  Bedding application | Sufficient layer to absorb moisture produced during crop cycle  Base layer spread inside houses with minimum ventilation running, top up bedding in sealed plastic bales | In place  In place |
| Litter Management | Excessive dry litter | Computer controlled environment | Relative humidity controlled between 55 and 65% keeping balance between dust and odour production |
| Stock inspections | Increased bird activity | Stock inspections by trained personnel | Light levels reduced to prevent birds panicking and reduced stress |
| Ventilation | Ventilation Type | Use roof extraction fans on houses 1 -6 | In place on all houses increasing dispersion/concentration |
| House Cleaning | Dust production during de littering/cleaning operations | No double handling of litter, trailers parked close to doors, litter tipped carefully into trailers, trailers sheeted prior to leaving site.  Exhaust vents washed under low pressure during cleaning process to minimise both release of dust to atmosphere and escape of contaminated water | In place/continuous  In place/continuous |
| Bird numbers | Stocking Density | Stocking rate determined by integrator | N/A |

**Plan completed March 2023**

**Complaints Procedure**

In the event of a complaint being received a complaint form would be completed and held on site. An investigation would be implemented to identify the cause of the release and actions taken to cease the release. Actions taken would be documented and the area/source of the complaint would be visited to ensure the effectiveness of actions taken.

Area officer would be notified at the earliest opportunity, and a review of the DMP conducted, with any changes communicated to area officer.

**Dust** **Complaint** **Form**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Installation Name | | Date Recorded | | | Reference Number |
| Name and Address of caller: | |  | | | |
| Tel. No. of caller | |  | | | |
| Location of caller in relation to  Installation | |  | | | |
| Time and Date of complaint | |  | | | |
| Date, Time and duration of  Offending dust issue | |  | | | |
| Callers description of dust issue | |  | | | |
| Has the caller any other  Comments about the dust? | |  | | | |
| Weather conditions | |  | | | |
| Wind strength and direction | |  | | | |
| Any previous complaints  Relating to this dust issue? | |  | | | |
| Any other relevant information | |  | | | |
| Potential dust sources that  could give rise to the  complaint | |  | | | |
| Operating conditions at the  time offending dust issue occurred | |  | | | |
| Follow up  Date and time caller contacted | |  | | | |
| Action taken | |  | | | |
| Amendment requirement to  Dust Management Plan | |  | | | |
| Form completed by |  | | Signed |  | |

Plan to be reviewed every four years or following a substantiated complaint, with Area officer being notified of any changes for approval.

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