Application for Environmental Permit EPB3.5 (Version 4)

Buckles Farm, Kaber, Kirkby Stephen. Cumbria

Pre Application Ref.EPR/GP3001LP/A001

BF1.6 Avoidance , Recovery and disposal of Waste. (Reduce, re-use recycle)

Review of waste will use the table below for comparison every 4 years. The FRE Poultry industry , based n stock being highly managed is able to minimise the waste on all aspects. Computer controls of environment and flock needs enables precision of substance usage , reducing waste generation.

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| **Waste Type** | **Proposed management system (Yr.1)** | **Max. quantity held on site** | **Quantity used / yr.** | **Arrangements in Place** |
| Carcases\* | Removed daily and refrigerated to avoid vermin, birds and/or insects or smell nuisance | 50kg | Not known | Removal from site only by a licenced contractor through the National fallen Stock Company (also licenced Animal & Slaughterers & Salvage Association.) – by arrangement  Minimised through high quality house environment |
| Feed waste | Farm protocol for feed delivery. (Supervised).  Infrastructure  Cyclones on feed silo.  Feed rate | 8 no. silos of 16T each= 128Tonnes | 3,328Tonnes | Delivery signed off by deliverer.  Supervision to prevent spillage during delivery. Damage to feed silos is low risk given their elevated position compared with delivery vehicle yard (houses 1a and 1b). Provision of protective bollards for houses 2a and 2b.  Air is displaced during delivery. Feed dust is recovered and prevented from release to atmosphere. Cyclone filters on maintenance schedule.  Delivery into houses from silos is computer controlled with alarm system to match flock needs. Small quantity lost to ground (litter) which is then consumed. |
| Fuel oil | Stand- by generators and associated diesel tanks on the permitted site | 2x 1200 litre diesel oil storage tanks | 5litre/week/ site= 500 litres / yr. | Stored in double skinned tank. (Tank in tank.) Delivery mechanism to generator by way of flexible hose and trigger mechanism approx. 5 m away. Lock on exit from tank before delivery / transfer hose. Generator has own internal bund. Consistent with SSAFO Regs. |
| Lubricants | Stored in small quantities and in area without drains. | 10 litres | 10 litres | Small quantities stored inside in area without drains. Brought onto permitted site in small quantities as and when needed. |
| Scrap metal | None anticipated, apart from occasional replaced motor. | 0 Kg | 0 Kg | Known local contractors in this eventuality. Scrap when beyond repair but reduced through routine maintenance of motors , fans, pumps etc. |
| Packaging | Storage and collection point available on site in central Service Area.  (plastics, paper. Cardboard, wrap.) | 100 kg | 100 kg | Collection contractor identified and details on egg unit notice board. Held inside Central Services before collection.  Egg trays now plastic which enhances re-cycling and reduces waste. |
| Pesticides | Small quantities stored for short period inside Central Service Area, in area without drainage arrangements. | 0 litres | 2 litres | Only quantities needed for specific task bought and consumed so no long term or bulk storage. Herbicides and rodenticides brought in from Buckles Farm. |
| Biocides | (Vircon) stored in secure area dedicated for this purpose. | 5 litres | 20 litres | Limited quantity stored. Readily acquired from supplier in Wigton  Disinfectants at change round brought in by cleaning contractor. |
| Foot bath, wheel spray | ‘External’ foot baths in a small (5 litre) contained unit with lid and no overflow. Internal foot baths open. Wheels sprayed, (not washed) to remove risk of run-off. | 20 Litres | 40 litres | Foot baths when *spent* disposed of in admixture with wash-water system. (Sealed tank)  Yard area which could contain traces from spraying drained to swales. |
| Bedding / litter (sawdust) | Pallet brought in at beginning on new flock (30 bags @25kg / bag. )  (Per house) | 2 x 750 Kg.  =1500 Kg | 2x 750 Kg  = 1500 kg | No waste generated. All consumed and converted to litter and removed at depletion. |