**012 – Technical Standards – BAT Compliance**

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| FARM NAME: **Wheaton Ashton Farm** | APPLICANT: **Belmont Farms Ltd** |

DATE: 3rd May 2024

PREPARED BY: The Farm Consultancy Group with information provided by Mr Michael Rolston.

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| **BAT 1:** | Summary of management systems provided with the application for a permit – provides detail on how environmental management systems will be assessed and maintained. Records of training and competence for staff members. Maintenance programmes, emergency and accident plans available. Ongoing reviews of environmental management systems. Implementation of both noise and odour management plans. |
| **BAT 2:** | All staff educated and trained to the relevant standards for welfare and environmental policy. Emergency plan prepared and to be implemented. Daily and monthly checks, repairs, and maintenance for all equipment. Deadstock kept in locked covered containers and disposed through fallen Stock scheme. |
| **BAT3:** | Multiphase feeding strategy will be implemented and reduced crude protein Diet. |
| **BAT4:** | Multiphase feeding strategy will be implemented reduced crude protein diet |
| **BAT5:** | Record of water usage kept on site, all water leaks will be detected and repaired as soon as possible. Nipple drinkers used within housing. |
| **BAT6:** | Dirty yard area kept to a small an area as possible and clean roof water separated off and diverted off site. |
| **BAT7:** | Dirty water stored in slurry stores and used for land spreading |
| **BAT8:** | Full optimisation of heating, cooling and ventilation systems matched to the weather and pig ages All walls and floors will be fully insulated. Use of efficient LED lighting. |
| **BAT9:** | Noise management plan in place. |
| **BAT10:** | Noise management plan to be implemented. |
| **BAT11:** | Dust Management Plan in place. Ad Lib Feeding, Wet feed used for some housing  |
| **BAT12:** | Odour management plan implemented. |
| **BAT13:** | Odour management plan implemented and compliance with BAT requirements  |
| **BAT14:** | N/A |
| **BAT15:** | N/A  |
| **BAT16:** | Purpose built slurry stores, stirring only completed when emptying the stores, all pipework purpose built. Rigid covers installed  |
| **BAT17:** | As per BAT 16 |
| **BAT18:** | As per BAT 16 |
| **BAT19:** | N/A |
| **BAT20:** | N/A Exported off site to third party  |
| **BAT21:** | Spreading via trailing shoe or shallow injection |
| **BAT22:** | Incorporation of slurry where appropriate and matches crop requirement.  |
| **BAT23:** | BAT implemented on farm. Pollution Inventory Reporting completed  |
| **BAT24:** | To comply with mass balance calculation |
| **BAT25:** | To comply using emission factors  |
| **BAT26:** | Only applicable to places where odour nuance is expected or has been substantiated. If this is the case, then annual monitoring of odour will be carried out. |
| **BAT27:** | Submission of annual pollution inventory reporting form. Emission Factors  |
| **BAT28:** | Daily monitoring of temperatures and using computer-controlled systems for ventilation. |
| **BAT29:** | Yearly reviews carried out A-F |
| **BAT30:** | Frequent slurry removal with vacuum system, slurry channels and reduced crude protein in the diet. |
| **BAT31:** | N/A |
| **BAT32:** | N/A |
| **BAT33:** | N/A |
| **BAT34:** | N/A |

**Emission Points detailed below:**

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| **Table S3.1 Point Source emissions to air – BP3709LB**  |
| **Emission point Ref. & Location**  | **Source**  |
| High velocity roof fan outlets on pig houses 2,4-9 shown on the site plan in schedule 7 of the permit  | Dry house 4Weaners/ Growers House 5 Maiden Gilts houses 6,7,8 and 9  |
| Side ventilation from pig housing  | Building 1 and 2  |
| Exhaust from Standby Generator as shown on site plan in Schedule 7 of the permit  | Standby Generator (mobile) |
| Vent from oil tank as shown on the site plan in Schedule 7 of the permit | Diesel tank  |
| AD Biogas – CHP engine as shown in site plan  | CHP engine  |

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| **Table S3.2 Point Source emissions to land BP3709LB** |
| **Emission point Ref. & Location**  | **Source**  |
| D1 – clean roof water to swale to the southern of the site past the slurry tanks leading to field ditch that leads to Marston Brook  | All housing on site  |
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