Appendix 5: Crooked Dale Farm Technical Standards

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| **Schedule 1 activity or directly associated activity (DAA) description** | **Relevant technical guidance note** |
| Section 6.9A (1) (a) (ii) Pig production | How to comply EPR 6.09 Version 2 |
| Feed storage and preparation | * Selection and use of feed is in accordance with SGN EPR6.09 ‘How to comply with your environmental permit for intensive farming’ * Feed is stored in purpose built, covered feed bins and are located next to the hen sheds. Milling and mixing of the feed takes place off farm. Dry feed is delivered to the farm by covered lorries from the feed supplier, currently Nobel Feeds. Feed is blown directly into the relevant feed bins, and any dust is collected on the mini cyclone attached to the blow pipe of the feed bin. * Feed storage bins marked with bright taping. * Protein and phosphorus levels in the rations are matched to the animal’s needs. A record of the percentages of nutrient levels is kept. * A nutritionist is employed to review and reformulate diets in order to optimise production and minimise excretion of nutrients. Synthetic amino acids are used to ensure that the protein needs are met with the use of minimum amount of protein in the diet. * The business is reviewing the use of soya and aims to trial its removal within the next eighteen months |
| Manure storage | No manure is stored on site.  Manure belts are run twice weekly and exported to a local farmer.  Litter at the end of the batch is exported to a local farmer |

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| Fuel, oils and chemical storage |  |  |
|  |  | * Oils, pesticides, cleaning products, vermin control products and veterinary medicines are all stored in locked room. * Fuel for the generator is stored in very little amounts on site. |
| Housing |  |  |
|  |  | HENS   * Housing design and management is in accordance with SGN EPR6.09 ‘How to comply with your environmental permit for intensive farming’ * All buildings and structures on site are maintained in good repair – in accordance with the management system. There is a programme of inspection and planned preventative maintenance for the housing and drainage. Floors and walls are kept clean. Any cracks or damaged walls are repaired as soon as possible. * Drinkers nipples have been designed to prevent leakage onto the manure on the muck belts. * Service checks are carried out on the ventilation system monthly in accordance with the manufactures instructions. * The existing buildings is 10 years old and is in very good condition. |

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| Drainage |  |  |
|  |  | * There are no direct or indirect releases to ground water * Refer to the drainage plan. A copy of the drainage plan is also kept with the accident management plan. * The clean water drainage systems are not contaminated. * Yard areas are kept visibly clean, drainage channels are kept clear and split feed and dust are cleaned up wherever possible. * Drainage from the animal housing and water from cleaning out is treated as dirty water, and directed to the dirty water tank. * Disinfectant footbaths are designed not to overflow. Used disinfectant is added to the removed litter. * Roof drainage water is directed into soakaways. |
| Livestock numbers |  | * Mortality is recorded daily in the production books on site. * Egg production and cumulative mortality records are then inputted onto the Eggbase management system. |
| Carcase disposal |  | * Daily deaths are stored in bags and removed daily. * Carcasses are stored in sealed, lockable bins which are collected by an animal waste disposal company – Lawlors. |
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| Pollution prevention measures |  | * All operations are assessed annually for opportunities to reduce pollution risk and implementation schedules developed as appropriate. * All staff strive to identify pollution risk and minimise it accordingly. * There is an accident management plan in place with a procedure to review incidents. * Staff have been trained internally with regards to environmental issues. |
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| Veterinary medicines and pest control |  | * Pesticides and veterinary medicines are kept in a store capable of retaining spillage. Fire extinguishers are kept in close proximity to store, and flammable goods are kept away from store. * They are kept dry, frost free and secure. * Vermin control is recorded and carried out periodically by a trained vermin controller. John Buckton (see separate site file) * The chemicals are brought on site by the registered contractor for use when needed, and purchased through a registered supplier when appropriate. |
| Hazardous waste |  | * Veterinary waste is removed by the vet for safe disposal. |

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| **1.Site operations (storage and use)** | **2. Substance** | **3. Relevant activity** | **4. Possible failure mechanism and potential for pollution** | **5. History/records or visual evidence of leaks of potentially polluting substances to land associated with the activities that could result in ongoing emissions to land, eg cracking in hard standing, leaking tank or bund**  Detail any incidents of pollution or spills from the relevant activity. This can be based on visual assessment during site walk over or other records and data sources. | **6. Do pollution prevention measure exist for relevant activity?**        Yes/No | **7. Provide details of pollution prevention measures**          To include: primary, eg tanks or pipework; secondary, eg bund or hard standing and, where present, tertiary, eg oil interceptor. | **8.Testing and inspection of pollution prevention measures**    Note: If you are not able to supply all of this information at present you may submit the details with your Accident  Management Plan. |
| Generator fuel | Fuel oil | Generator | Fuel tank breach ? | None | Yes | Location of the generator is in a low risk area of been hit by vehicles etc.  Sand bags present. |  |

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| Feed | Nutrients (Protein, phosphorus, Nitrogen)  Dust | Delivery of bulk feed to storage areas | Spillage, split or failed pipework, dust, failure of bins | None | Yes | Purpose made stores placed on concrete hardstanding. Delivery in suitable vehicles. Any spillage is swept up immediately. Sealed systems to minimise dust. | Pipework and bins regularly inspected to assess condition. Visual inspection for spillage. |
| Distribution of bulk feed | Broken augers | None | Yes | Augers runs kept to minimum | Regular inspection of facilities and equipment. |

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| Muck | Nutrients: ammonia, nitrate, phosphate | Storage in house  Road transport from houses to field heaps or spreading  Field spreading | House failure  Spreader/trailer failure, road accident  Surface run off, drain contamination | None | Yes | Dedicated purpose built facilities with impermeable base and perimeter channels  Purpose made equipment, regularly maintained  Fully trained operators  spreading in accordance with manure management plan and advice from qualified person | Regular inspection of facilities and equipment  Regular soil nutrient testing |

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| Disinfectants | Disinfectant  (25lt containers) | Foot dip and wheel wash  transfer | Spillage, leaks, overflowing, contamination of clean drains | None | Yes | Transfer from delivery vehicles to store  Damaged or suspect packaging rejected at time of delivery  Dedicated container store  Records kept  Trained staff / Contractor  Codes of practice followed  Food dips on good concrete, close to dirty water system. | Deliveries monitored  Regular inspection of facilities and equipment  Full application records  Inspection of storage area  records kept |
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| Dirty water/wash  waters | Nutrients – ammonia, nitrate, phosphate | Dirty water transfer from buildings to underground tanks during washing | Leaks to ground and land | None | Yes | Ensure dirty water tank is emptied regularly.  Keep an eye on level at wash down. |  |
| Lightly contaminated surface waters | Nutrients – ammonia, nitrates, phosphates, dusts and organic particles | Surface water drainage | Contamination of land, surface and ground waters | None | Yes | Impermeable yards | Hard standing inspected monthly |

# Pest Management Plan

On site and Pest Management Plan (PMP) assessment:

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| **Source** | **Method** | **On-site check** | **PMP check** | **Comment** |
| Fly monitoring | Buildings are watertight with no water ingress from outside. | **Yes** |  | **With the regular removal of manure, flies have never been a problem.** |
| Infrastructure | Buildings are in good condition and kept well maintained. | **Yes** |  |  |
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| Carcasses | Fallen stock are removed. | **Yes** |  | **With our onsite daily storage – fly papers are used over the bag of carcasses.** |
| Housekeeping | Spillages are cleaned up as soon as possible. | **Yes** |  |  |
| Rubbish bins are emptied regularly. | **Yes** |  |  |
| Biological control options | Use of fly parasites/predators to control flies | **n/a** |  |  |