

## 013 ESTABLISHING BEST AVAILABLE TECHNIQUES

FARM NAME: <b>Danby Farm Pig Unit</b>	APPLICANT: <b>Crockway Farms Ltd</b>
---------------------------------------	--------------------------------------

DATE: 4<sup>th</sup> December 2019

PREPARED BY: Harry Edwards of The Farm Consultancy Group with information provided By Mr Michael Rolston.

<b>BAT 1:</b>	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.
<b>BAT 2:</b>	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.
<b>BAT3:</b>	Multiphase feeding strategy will be implemented and reduced crude protein Diet.
<b>BAT4:</b>	Multiphase feeding strategy will be implemented reduced crude protein diet
<b>BAT5:</b>	Record of water usage kept on site, all water leaks will be detected and repaired as soon as possible. Nipple drinkers used within housing.
<b>BAT6:</b>	Dirty yard area kept to as small an area as possible and clean roof water separated off and diverted off site.
<b>BAT7:</b>	Dirty water stored in slurry lagoon and used for land spreading
<b>BAT8:</b>	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.
<b>BAT9:</b>	Noise management plan in place.
<b>BAT10:</b>	Noise management plan to be implemented.
<b>BAT11:</b>	Dust Management Plan in place. Technique A 3, 4, 5 and 6 utilised.
<b>BAT12:</b>	Odour management plan implemented.
<b>BAT13:</b>	Odour management plan implemented and compliance with BAT requirements
<b>BAT14:</b>	N/A
<b>BAT15:</b>	N/A
<b>BAT16:</b>	Purpose built slurry store, slurry acidification, stirring only completed when emptying the tank, all pipework purpose built.
<b>BAT17:</b>	As per BAT 16
<b>BAT18:</b>	As per BAT 16
<b>BAT19:</b>	N/A
<b>BAT20:</b>	N/A
<b>BAT21:</b>	Spreading via trailing shoe or shallow injection

<b>BAT22:</b>	Incorporation of slurry where appropriate and matches crop requirement.
<b>BAT23:</b>	BAT implemented on farm.
<b>BAT24:</b>	To comply with mass balance calculation using manure to measure phosphorus content.
<b>BAT25:</b>	To comply with mass balance calculation using manure to measure ammonia content.
<b>BAT26:</b>	Only applicable to places where odour nuisance is expected or has been substantiated. If this is the case then annual monitoring of odour will be carried out.
<b>BAT27:</b>	Submission of annual pollution inventory reporting form. Technique b.
<b>BAT28:</b>	Daily monitoring of temperatures and using computer controlled systems for ventilation.
<b>BAT29:</b>	Yearly reviews carried out A-F
<b>BAT30:</b>	Frequent slurry removal with vacuum system, slurry channels and reduced crude protein in the diet.
<b>BAT31:</b>	N/A
<b>BAT32:</b>	N/A
<b>BAT33:</b>	Not applicable for pigs
<b>BAT34:</b>	Not applicable for pigs