



APPENDIX 7: AMENITY RISK ASSESSMENT TABLE

ENVIRONMENTAL PERMIT VARIATION
APPLICATION

On behalf of

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BERRYS

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Contents

1.	Amenity Risk Assessment.....	2
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1. Amenity Risk Assessment

	Source	Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequence	Overall Risk
Odour	Feed storage and delivery	<ul style="list-style-type: none">Spilling feed during delivery to storageCreation of dust	Closest residential properties Public on roads and footpaths within the surrounding area.	Air	<ul style="list-style-type: none">Feed delivery systems sealed to minimise atmospheric dustAny spillage of feed is immediately clearedThe condition of feed bins is checked frequently so that damage and leaks can be identifiedBins located between the buildings and to the side of the buildings	Unlikely	Odour annoyance, marginally offensive odours	Not significant
	Ventilation System	<ul style="list-style-type: none">Inadequate air movement in the house, leading to high humidity and wet litterInadequate system design causing poor dispersal of odours	Closest residential properties Public on roads and footpaths within the surrounding area.	Air	<ul style="list-style-type: none">Ventilation system is regularly adjusted according to the age and requirements of the flockThe ventilation system is designed to effectively remove moisture from the houseFull odour mitigation measures put in place	Unlikely	Noticeable offensive odours	Minor significance
	Litter Management	<ul style="list-style-type: none">Odours arising from wet litterThe use of insufficient or poor quality litterSpillage of water from drinking systemsDisease outbreaks leading to wet litter	Closest residential properties Public on roads and footpaths within the surrounding area.	Air	<ul style="list-style-type: none">Controls on feed and ventilation to maintain litter qualityAppropriate use of small bales of shaving or straw – high welfare system usedUse of nipple drinking systems minimising spillageInsulated walls and ceilings to prevent condensationConcrete floors to prevent water ingressStocking densities at optimal levels to prevent overcrowdingUse a health plan with special veterinary input used as necessary	Unlikely	Noticeable offensive odours, loss of amenity to footpath users	Minor significance
	Carcass disposal	<ul style="list-style-type: none">Inadequate storage for carcasses on site	Closest residential properties Public on roads and footpaths within the surrounding area.	Air	<ul style="list-style-type: none">Carcasses are placed in sealed, locked containers immediately after removalCollection of carcasses undertaken regularly and can be arranged more frequently if necessary	Unlikely	Noticeable offensive odours, loss of amenity to footpath users	Not significant
	House clean out	<ul style="list-style-type: none">Creation of dust associated with litter removalUse of odorous products to clean houses	Closest residential properties Public on roads and footpaths within the surrounding area.	Air	<ul style="list-style-type: none">Litter is carefully placed into trailers positioned at the entrance to each house,Full trailers are covered.Approved and suitable products used	Unlikely	Noticeable offensive odours, loss of amenity to footpath users	Minor significance

					<ul style="list-style-type: none"> Full odour management plan put in place and full odour mitigation measures put in place 			
	Used Litter	<ul style="list-style-type: none"> Storage of litter on site Transport of litter off site 	Closest residential properties Public on roads and footpaths within the surrounding area.	Air	<ul style="list-style-type: none"> There is no storage of litter outside the houses at any time Litter is transported in covered trailers Litter used in the AD Plant. 	Unlikely	Noticeable offensive odours, loss of amenity to footpath users	Not significant
	Dirty water management	<ul style="list-style-type: none"> Standing water during the production cycle or at clean out Applications of dirty water to the land 	Closest residential properties Public on roads and footpaths within the surrounding area.	Air	<ul style="list-style-type: none"> Area around the house remains clean throughout cycle At clean out, dirty water is directed to underground tanks for storage Dirty water used appropriately on land 	Unlikely	Noticeable offensive odours, loss of amenity to footpath users	Not significant
Flies	Flies attracted to manure heaps	<ul style="list-style-type: none"> Manure storage/heaps 	Road, footpath users / residents	Air	<ul style="list-style-type: none"> Manure taken off site Manure is disposed of in the AD Plant. 	Unlikely	Irritation caused by flies, potential disease transfer	Not significant
	Flies attracted to feed storage	<ul style="list-style-type: none"> Unsuitable Storage 	Road, footpath users / residents	Air	<ul style="list-style-type: none"> Design of feed storage Regular maintenance 	Unlikely	Irritation caused by flies, potential disease transfer	Not significant
Vermin	Vermin attracted to feed storage	<ul style="list-style-type: none"> Spillage of feed during delivery 	Road, footpath users / potentially residents if vermin migrate	Land	<ul style="list-style-type: none"> Regular maintenance of feed storage Clearing spillages when they occur 	Unlikely	Vermin infestation, loss of amenity	Not significant
Dust	Vehicle Movements	<ul style="list-style-type: none"> Inert dust raised from the internal roads and possibly dust from poorly covered vehicles (unlikely due to sheeting requirements) Spillage of feed from delivery 	Road, footpath users/residents close to roads	Air	<ul style="list-style-type: none"> All vehicles to be sheeted Clearing spillages up immediately if they occur 	Unlikely	Loss of amenity for residents or walkers	Minor significance
	Birds, feed and floor litter	<ul style="list-style-type: none"> Extraction through ventilation system 	Walkers on roads/ footpaths	Air	<ul style="list-style-type: none"> Dust baffles to fans Regular maintenance and cleaning undertaken 	Unlikely	Loss of amenity for residents or walkers	Not significant
	Construction vehicles	<ul style="list-style-type: none"> Inert and soil derived dusts 	Walkers on roads/footpaths	Air	<ul style="list-style-type: none"> Water bowsing of vehicles and equipment 	Unlikely	Loss of amenity for residents or walkers	Not significant
	Construction activities (stockpiles, waste soils and material movements)	<ul style="list-style-type: none"> Inert and soil derived dusts 	Walkers on roads/footpaths	Air	<ul style="list-style-type: none"> Wetting and avoid handling in windy conditions. 	Unlikely	Loss of amenity for residents or walkers	Not significant

