



APPENDIX 7: AMENITY RISK ASSESSMENT TABLE

IN RELATION TO
ENVIRONMENTAL PERMIT
BESPOKE APPLICATION

ON BEHALF OF
G & A POWELL



RTPI
mediation of space · making of place



CONTENTS

1.0 Amenity Risk Assessment

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1.0 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 storage Creation of dust 	<p>Closest residential properties</p> <p>Public on roads and footpaths within the surrounding area.</p>	Air	<ul style="list-style-type: none"> Feed delivery systems sealed to minimise atmospheric dust Any spillage of feed is immediately cleared The condition of feed bins is checked frequently so that damage and leaks can be identified Bins 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 litter Inadequate system design causing poor dispersal of odours 	<p>Closest residential properties</p> <p>Public on roads and footpaths within the surrounding area.</p>	Air	<ul style="list-style-type: none"> Ventilation system is regularly adjusted according to the age and requirements of the flock The ventilation system is designed to effectively remove moisture from the house Full odour mitigation measures put in place 	Unlikely	Noticeable offensive odours	Minor significance
	Litter Management	<ul style="list-style-type: none"> Odours arising from wet litter The use of insufficient or poor quality litter Spillage of water from drinking systems 	<p>Closest residential properties</p> <p>Public on roads and footpaths</p>	Air	<ul style="list-style-type: none"> Controls on feed and ventilation to maintain litter quality Appropriate use of small bales of shaving or straw – high welfare system used 	Unlikely	Noticeable offensive odours, loss of amenity to footpath users	Minor significance

		<ul style="list-style-type: none"> Disease outbreaks leading to wet litter 	within the surrounding area.		<ul style="list-style-type: none"> Use of nipple drinking systems minimising spillage Insulated walls and ceilings to prevent condensation Concrete floors to prevent water ingress Stocking densities at optimal levels to prevent overcrowding Use a health plan with special veterinary input used as necessary 			
	Carcass disposal	<ul style="list-style-type: none"> Inadequate storage for carcasses on site 	<p>Closest residential properties</p> <p>Public on roads and footpaths within the surrounding area.</p>	Air	<ul style="list-style-type: none"> Carcasses are placed in sealed, locked containers immediately after removal Collection 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 removal Use of odorous products to clean houses 	<p>Closest residential properties</p> <p>Public on roads and footpaths within the surrounding area.</p>	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 Full odour management plan put in place and full odour 	Unlikely	Noticeable offensive odours, loss of amenity to footpath users	Minor significance

Flies					mitigation measures put in place			
	Used Litter	<ul style="list-style-type: none"> Storage of litter on site Transport of litter off site 	<p>Closest residential properties</p> <p>Public on roads and footpaths within the surrounding area.</p>	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 	<p>Closest residential properties</p> <p>Public on roads and footpaths within the surrounding area.</p>	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 bowing 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