
APPENDIX C

- NOISE MANAGEMENT PLAN -

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NOISE MANAGEMENT PLANNING

The Noise Management Plan (NMP) is a core document that is intended to detail operational and control measures appropriate to management and control of noise at the site. The format of the NMP should provide sufficient detail to allow operators and maintenance staff to clearly understand the operational procedures for both normal and abnormal conditions.

A Noise Management Plan should be prepared for all processes. The NMP should also include sufficient feedback data to allow site management (and local authority inspectors) to audit site operations. An example of some of the issues to be considered is summarised as follows. More detailed guidance is provided with this document.

- A summary of the site, noise sources and the location of receptors.
- Details of the site management responsibilities and procedures for reporting faults, identifying maintenance needs and complaints procedure.
- Noise critical plant operation and management procedures (e.g. correct use of plant, process, materials, and checks on plant performance, maintenance and inspection).
- Operative training.
- Housekeeping.
- Maintenance and inspection of plant (both routine and emergency response).
- Record keeping – format, responsibility for completion and location of records.
- Emergency breakdown and incident response planning including responsibilities and mechanisms for liaison with the local authority.
- Public relations.

The Noise Management Plan is a living document and should be reviewed annually.

It should form the basis of a documented Environmental and Noise Management system for the operating site. The Noise Management System documentation should define the roles of the Operator and the Caretaker and sets out templates in relation to the operating of the farm and reporting procedures to be employed. Requirements for the NMP should be implemented throughout the site with a branched management system implemented in order to share responsibility around the site. The farm manager should ensure all works are performed in accordance with the NMP.

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	Noise Source	Specific Source	Action Plan	Monitoring Required	Review and Comments - Monthly
1.a			All relevant staff to be trained on Noise Management measures.	Immediate	
1.b			Review and update NMP initially on annual basis, or following any relevant changes at the site. Key Performance Indicators (KPI's): - Number of Complaints, - Number of abnormal noise events (site checks), - Results/recommendations of any noise surveys	Annual / as necessary	
1.c			Carry out weekly noise patrol checks and keep log of all findings, including weather conditions and wind direction. Note any equipment, vehicles or staff/visitor actions leading to excessive/unusual increased noise. At times where a complaint has been received or issues identified during environmental checks, monitoring or during maintenance, daily noise monitoring should be carried out at times relevant to the complaint or identified issue until the investigation is complete.	Weekly / Daily as necessary	
1.d			Keep a log of environmental noise complaints, including description of the noise, details of investigation, any follow-up actions and outcomes.	On-going	
1.e			Keep a log of noise monitoring carried out, including reason for survey, main findings and remedial actions taken.	On-going	
1.f			Inform neighbours of any abnormal planned operations/projects which may lead to significantly increased noise. Provide detail of timing and likely duration to minimise noise impact. Provide contact details to neighbours of relevant members of staff for the receipt of environmental complaints.	As applicable	

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	Noise Source	Specific Source	Action Plan	Monitoring Required	Review and Comments - Monthly
2.	Construction	Excavators/large plant	Carry out construction activities associated with elevated noise levels during normal working hours where practicable. (07:00am to 19:00pm Monday to Friday)	On-going	
3.	Construction	Off-schedule works	Any works outside of these times should be notified to any potentially effected local residents in good time and prior to specified works commencing.	Prior to off-schedule works	
4.	Construction	Proposed Earth Berm	Construct an earth berm along the northern boundary of the site as defined within the Noise Impact Assessment Report (Ref: ENA-20-9668).	As part of proposed works.	
5.	Pig Shed	Feeding	Ensure all feeding systems are passive ad libitum type, to prevent feeding time animal noise. Ensure feed supply rates are maintained to ensure continuous feed availability and prevent anticipation for feed delivery.	On-going.	
6.	Pig Shed	Destocking	Continue to move pigs to the loading bay on the evening before transport. This will reduce animal noise as the pigs are acclimatised to the bay and reduce the time for destocking to occur.	On-going	
7.	Employees	Employees/visitors	Inform all employees and visitors of noise awareness.	Monitoring on-going, awareness is continuous	
8.	Yard	Tractors (slurry removal)	The removal of shed slurry should be conducted within normal working hours (08:00am to 18:00pm Monday to Friday).	Monitor during operations	

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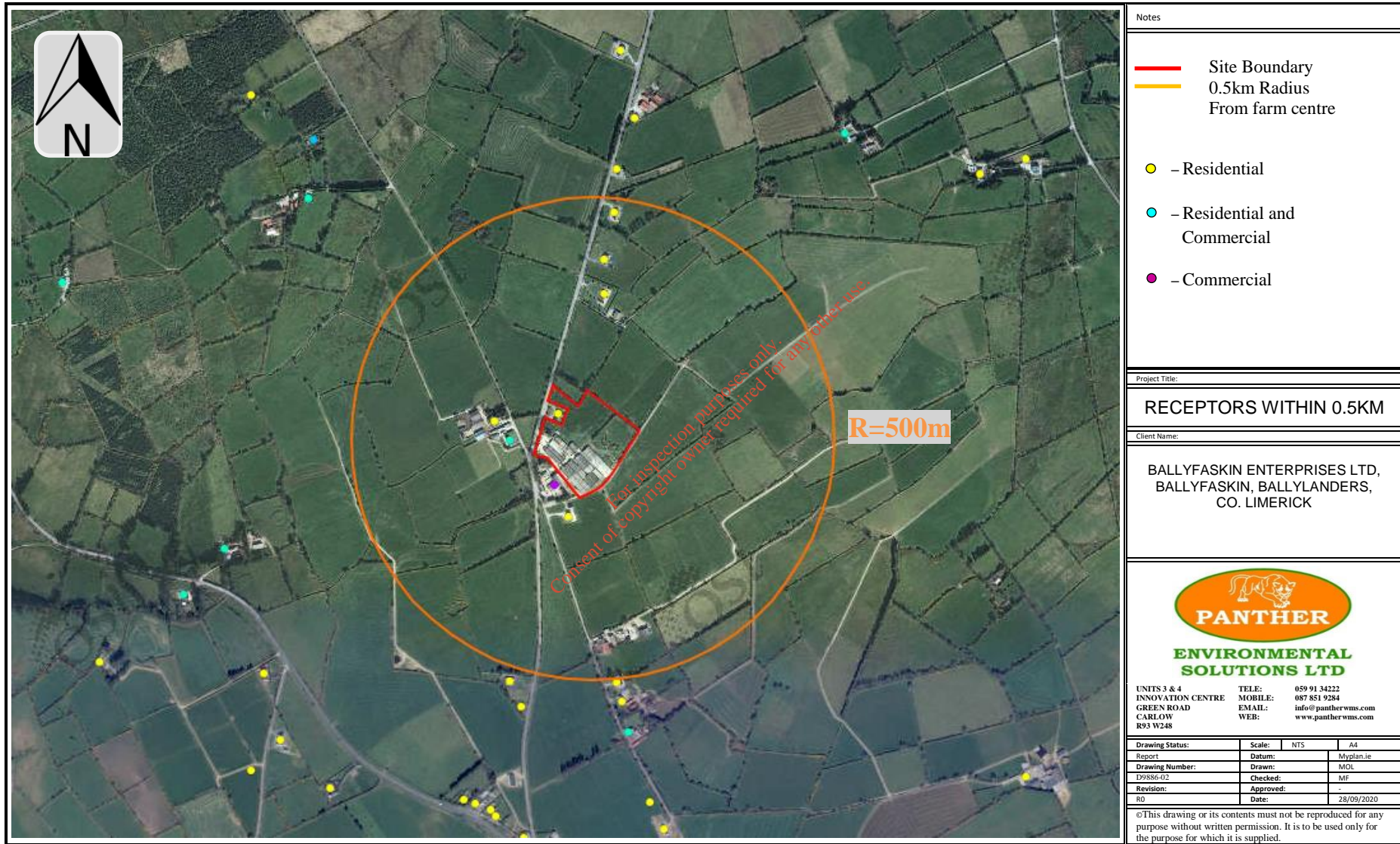
	Noise Source	Specific Source	Action Plan	Monitoring Required	Review and Comments - Monthly
9.	Equipment	Equipment	Consult with manufacturer regarding associated noise emissions prior to purchase of any new equipment.	As equipment is being purchased	
10.	Equipment	Equipment	Use existing farm buildings to shield closest Sensitive Receptors from any potentially noisy new equipment (e.g. boiler, pump, motors etc.) where possible.	As equipment is installed	
11.	Vehicles	Vehicles entering and leaving site	Maintain site roads in good condition.	As per preventative maintenance schedule	
12.	Vehicles	Vehicles entering and leaving site	Ensure that a site speed limit of onsite traffic speed limit of 20 km /h is maintained. Ensure excessive revving of engines does not occur, particularly during evening or night-time periods.		
13.	Vehicles	Site Vehicles	Ensure site owned/operated forklifts and vehicles are well maintained (especially exhaust systems and silencers).	Monitor on-going, awareness is continuous	
14.	Equipment	Equipment	Maintain equipment and ventilation to ensure high efficiency.	As per preventative maintenance schedule	
15.	Equipment	New Equipment	Consult with manufacturer regarding noise levels before buying any new equipment.	As equipment is being purchased	

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	Noise Source	Specific Source	Action Plan	Monitoring Required	Review and Comments - Monthly
16.	Employees	Manual handling / Forklift operation	Reduce impulsive noise in external areas by lowering of materials to ground level where practical. Reduce drop heights of bulk materials by design.	Monitor on-going, awareness is continuous	
17.	Site wide	Alarm Testing	Testing of emergency generators or alarms should be carried out during the daytime of the normal working week between 09.00 and 17.00 Monday to Friday.	On-going	
18.	Site wide	All areas	Consider potential noise as an aspect in any future infrastructure works. Assess opportunities for reduction of existing noise sources where practical within project scope.	Project Planning	

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Notes

- Site Boundary
- 0.5km Radius From farm centre
- – Residential
- – Residential and Commercial
- – Commercial

Project Title:

RECEPTORS WITHIN 0.5KM

Client Name:

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