
Noise Management Plan

Blyth Road
Carlton Forest
Worksop
Nottinghamshire
S81 0TP

Version 1.0

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Aveita Ltd



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1. Introduction

- 1.1 This Noise Management Plan (NMP) outlines the methods by which Avieta Ltd will systematically assess and minimize the potential impacts of noise generated by the company's site off Blyth Road, Carlton Forest, Worksop. The NMP is a working document with the specific aim of ensuring that:
- Noise impact is considered as part of routine inspections
 - Noise is primarily controlled at source by good operational practices, including physical and management control measures
 - All appropriate measures are taken to reduce noise emissions
- 1.2 This NMP addresses the impact of noise and the control measures employed to mitigate the risk. These are supported through monitoring procedures to identify both elevated levels and review complaints should they arise. The complaints management procedure including the management responsibilities are also addressed.

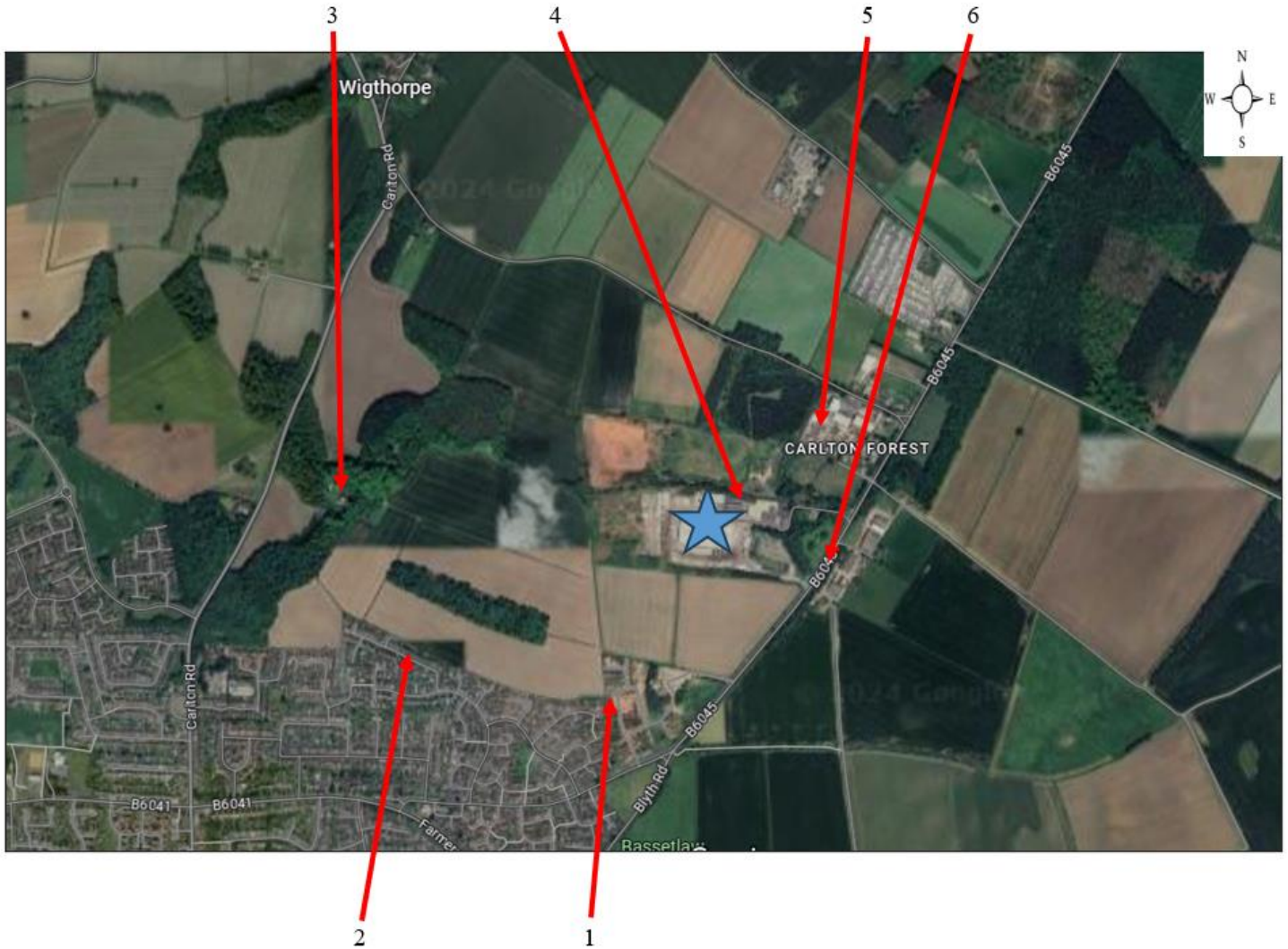
2. Sources, Releases and Impacts

- 2.1 Sources of noise generated at the site will be limited to the following activities:
- Unloading of waste at the site
 - Depollution of end-of-life vehicles
 - Baling of vehicle shells
 - Vehicle movements
 - Loading of waste and spare parts for transport off site
- 2.2 As not all of the sources of noise detailed above are continuous, the sources of noise will vary throughout the day.
- 2.3 Noise from vehicle movements will be intermittent and will be generated from vehicle movements to the site, from the site and within the site for unloading, loading and mobile plant movements.
- 2.4 There will be no noise from the site outside of operating hours.

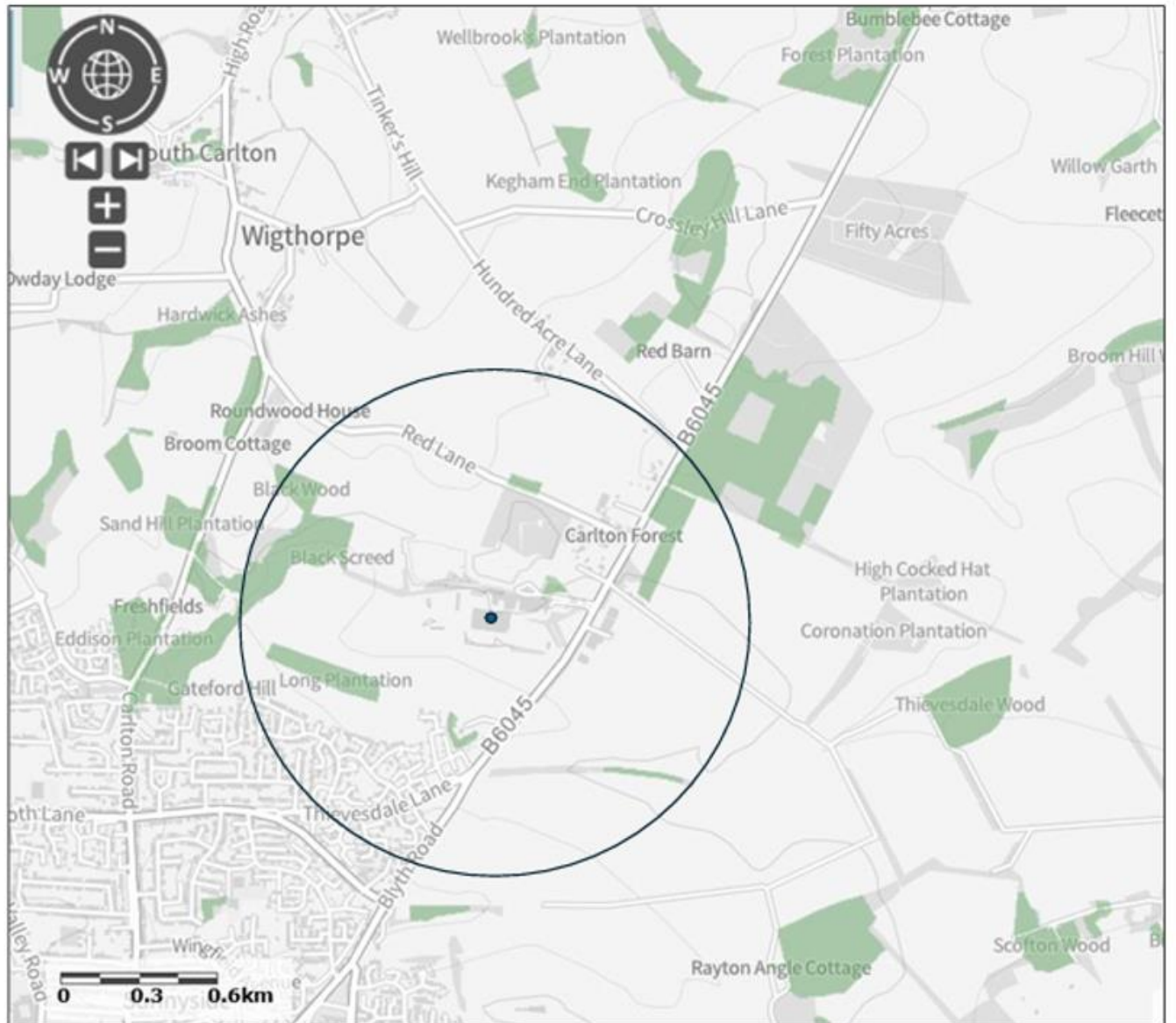
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- 2.5 Once generated, the pathway for noise will be air transport. Sensitive receptors include other industrial and commercial properties adjacent to the site as well as residential properties to the south and southwest.
- 2.7 Noise from the site (the measured/calculated rating level) shall be limited to a level equal to or below existing background noise level (L90), when measured at the nearest noise sensitive premises with the calculations, measurements and assessment made in accordance with BS4142: 2014.

Sensitive receptors

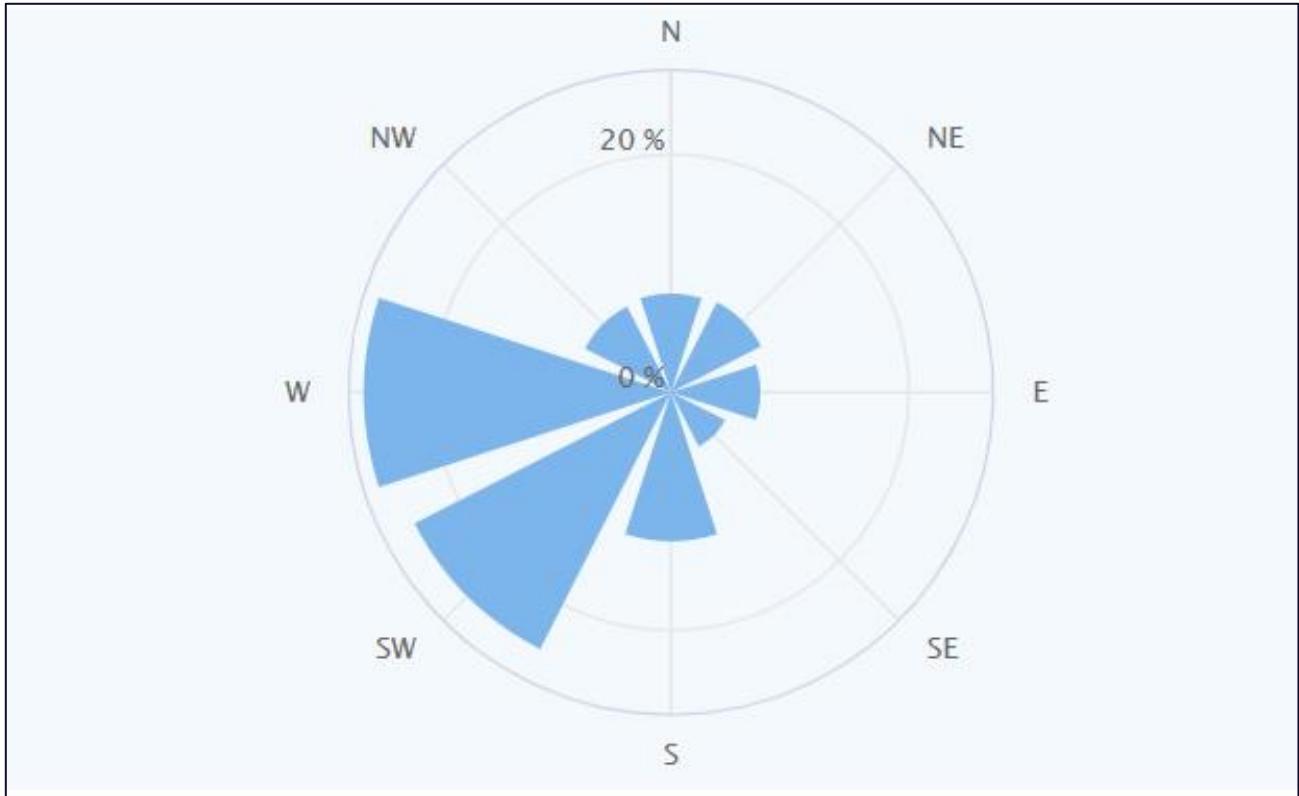
- 2.8 The plan below shows the location of these sensitive receptors in relation to the site, the location of which is indicated by the blue star. The numbers on the plan correspond to the following receptors:
1. Residential property located 280 metres to the south of the site and continuing to the 1 kilometre radius;
 2. Residential property located 625 metres to the southwest of the site and continuing to the 1 kilometre radius;
 3. A single residential dwelling located 850 metres to the west of the site;
 4. Industrial premises located directly to the north of the site;
 5. Industrial premises located 280 metres to the northeast of the site;
 6. The B6045 Blyth Road located directly to the east of the site.



2.9 In addition to the sensitive receptors identified above there are a number of areas of protected deciduous woodland within a one kilometre radius of the site. These areas are shown green in the plan below. The black circle is the one kilometre radius from the centre of the site indicated by the blue dot.



2.10 The prevailing wind direction is westerly and south-westerly thus reducing the likelihood of impact of air emissions on those receptors located to the north, south and west of the site. The wind rose for Worksop, shown below, illustrates this point.



3. Noise Control Measures

General

- 3.1 Physical and management measures have been included to control noise at the site. These are discussed below.

Site Management Responsibilities

- 3.2 The Technically Competent Manager (TCM) or designated responsible person will have responsibility for ensuring that nuisance and hazards arising from the facility due to noise are minimized. Regular meetings will be held to discuss current and planned site operations that have the potential to generate noise emissions.

Physical Control Measures

- 3.3 A range of physical control measures will be implemented at the site, including:
- Silencers will be fitted to all machinery where possible.

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- Depollution equipment is located within a building on site. The entrance to the building is positioned to face away from the prevailing winds and sensitive receptors.

Management Control Measures

3.4 A comprehensive range of management control measures will be implemented at the site, including:

- All machinery and equipment will be operated in accordance with the manufacturer's specification
- All machinery and equipment will be regularly maintained to ensure that no item produces excessive noise
- Traffic movement from waste collection and delivery vehicles will only take place during operational hours.
- A speed limit of 10mph will be in place on site
- Site staff will be made aware that they are working in the immediate vicinity of other receptors and to avoid all unnecessary noise due to misuse of tools and equipment, and unnecessary shouting and radios. To further enhance this staff will be trained to operate the equipment and plant without causing excess noise.
- Waste shall not be unloaded or loaded from or into vehicles from excess heights.

3.5 If at any time it is necessary to undertake temporary actions that are likely to cause elevated levels of noise the TCM, or designated responsible person, must obtain written permission from the Local Planning Authority before such actions are taken. The permission must include an end date to identify when the temporary actions will cease. Where practicable, such actions will only proceed when the prevailing wind direction is away from sensitive receptors.

4. Emissions Monitoring

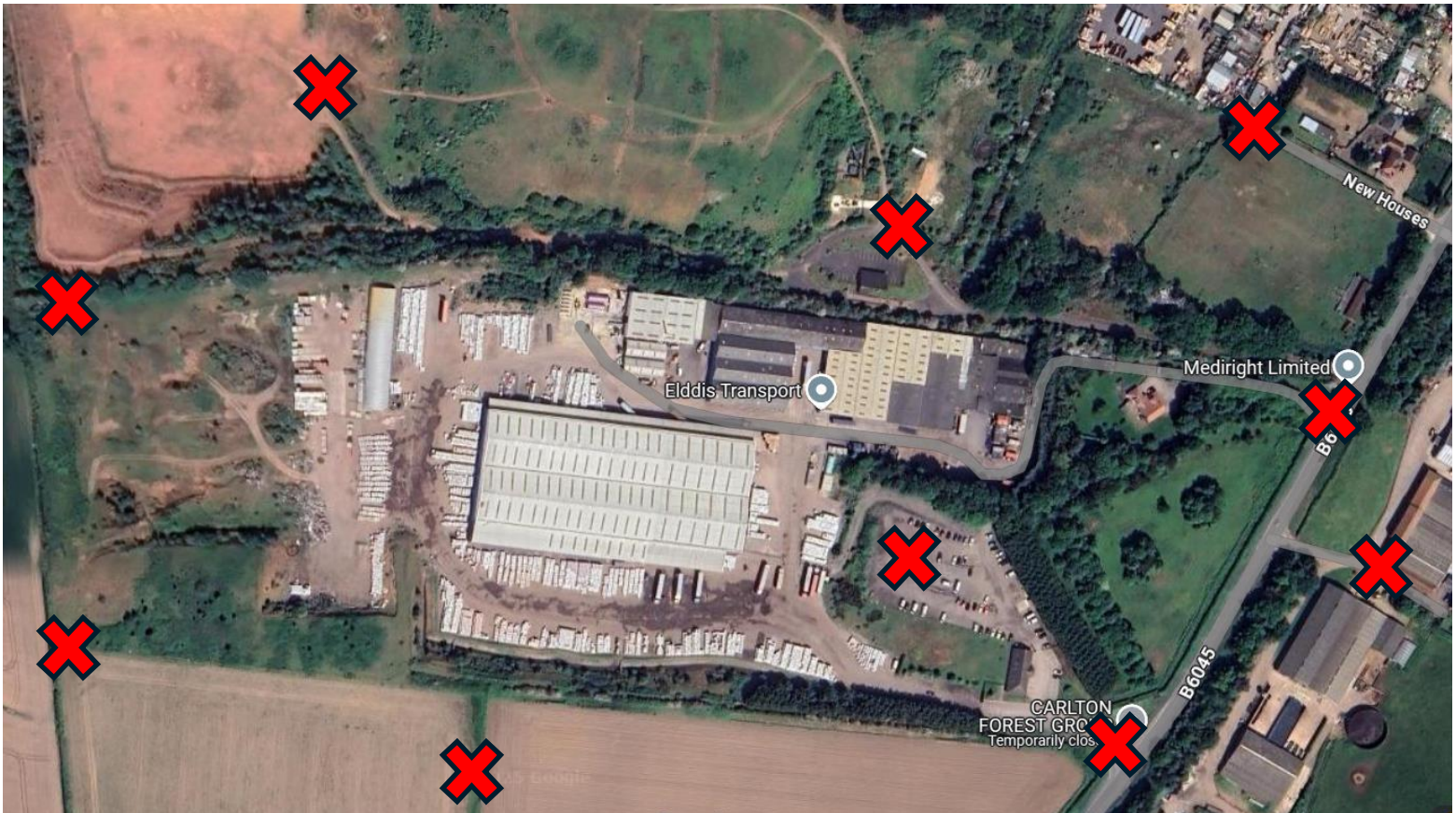
4.1 All operational staff will be responsible for reporting any noise problems immediately to the TCM or designated responsible person.

4.2 No quantitative routine noise monitoring is proposed; however, qualitative monitoring of noise levels will be included as a factor to be considered by the TCM or designated responsible person as part of their daily walkover of the site.

4.3 Routine maintenance of all plant and equipment, including vehicles, will also identify equipment operating at elevated levels and work will be undertaken as soon as practicably possible to repair any defect.

- 4.4 A daily assessment of noise levels will be undertaken by the site manager or TCM. The points where monitoring will be undertaken are shown on the aerial photograph below as red crosses.
- 4.5 The results of the daily noise monitoring assessment will be retained in the site office and be available for inspection on request.

Noise Monitoring Points



5. Noise Contingency Measures

Introduction

- 5.1 Elevated noise levels may be identified either by receipt of a noise complaint from a third party suggesting that there is excessive noise from the site or by detection of noise as a result of the routine monitoring by site personnel.
- 5.2 This section details the contingency measures in place to identify the source of elevated noise levels, bring noise levels back under control and minimize their impact.

Noise Complaint Investigation

- 5.3 A site diary, plus forms to record complaints, will be completed by the TCM or designated responsible person.
- 5.4 As part of this NMP a customer care and complaints procedure will be implemented. The customer care and complaints procedure applies to all complaints, feedback and requests made by third parties regarding Aveita operational activities, environmental and health and safety performance.
- 5.5 All complaints from third parties including external customers, potential customers, statutory authorities, statutory consultees, members of the general public and internal clients will be forwarded to the TCM or designated responsible person to action as below within 48 hours.
- 5.6 The TCM or designated responsible person will ensure that:
- The complaint is investigated to identify the cause, if necessary, this may involve direct communication with the complainant.
 - The complainant will be contacted and given information on the investigations conducted and actions taken as appropriate.
 - All complaints are reported to site management and discussed at site meetings
 - Details of complaints are sent to site staff as appropriate and additional training organised if required.
 - Details of all complaint investigations, even those which, on investigation, have been found to not be justified will be forwarded to the Environment Agency and Local Planning Authority within 24 hours of the completion of the investigation

Elevated Noise Levels

- 5.7 Any elevated noise levels identified by the monitoring detailed in Section 4 and the customer care and complaints procedure identified above will be mitigated as follows:
- The TCM, or designated responsible person, will investigate the source of the noise to determine whether the noise is emanating from the site.
 - In the event the noise is found to be emanating from the site the TCM, or designated responsible person, will determine whether the noise is associated with any of the activities listed in para. 2.1
 - Following on from bullet point 2, if the noise is not associated with any activity listed in 2.1 then the activity generating the noise must cease immediately. However, if the source of noise is associated with one or more of the activities listed in para. 2.1 then the TCM, or designated responsible person, will check to ensure the site is operating in

accordance with para. 3.4 and will consider implementing further noise attenuation measures.

- Following on from bullet point 3, if the Local Planning Authority considers the noise to be persistent and to be above background noise levels at the nearest sensitive receptor, the site operator will be required to submit a noise impact report to the Local Planning Authority within 30 days from the date of notification.
- Following on from bullet point 4, if the noise impact report concludes the site is not operating in accordance with para. 2.7 then further noise attenuation measures will be submitted for approval to the Local Planning Authority within 10 working days. The approved measures shall be implemented within 15 working days and retained as such thereafter.

5.8 If operation failings are identified, the retraining of employees will take place to ensure that all employees operate to required standards. If the failings are identified as part of the operating techniques, then the problem will be raised as part of the review of control measures detailed in Section 6.5

5.9 The TCM or designated responsible person will ensure close liaison with the Environment Agency and the Local Planning Authority throughout the stages of the process following an identified elevated noise level.

Reporting Measures

5.10 Upon notification of an environmental incident the TCM or designated responsible person will complete an incident reporting form. The completed form is then distributed throughout the organisation for review at management meetings.

5.11 All performance failures will be categorised as following:

- Minor Event: quick fix possible, locally resolved
- Medium Event: brief disruption to service, management intervention required
- Major Event: significant disruption to service, significant management intervention

5.12 Each non-conformance category will have a deadline for rectification

5.13 The TCM or designated responsible person will investigate the performance failure event and will report the event to the Environment Agency.

6. Emergency Plans

General

- 6.1 This section considers the potential for accidents or incidents which would result in the loss of control of noise emissions and could have an unacceptable short-term impact on the local community.
- 6.2 The measures in place to mitigate any emergency situations will generally be the same as the contingency measures identified in Section 5.
- 6.3 If the situation is considered to be an emergency by the TCM or designated responsible person then mitigation measures will be implemented immediately. The mitigation measures will include limiting the hours of operation and/or suspending the site operations creating the unacceptable noise levels. These measures will be considered on a case-by-case basis.

Breakdown of Equipment

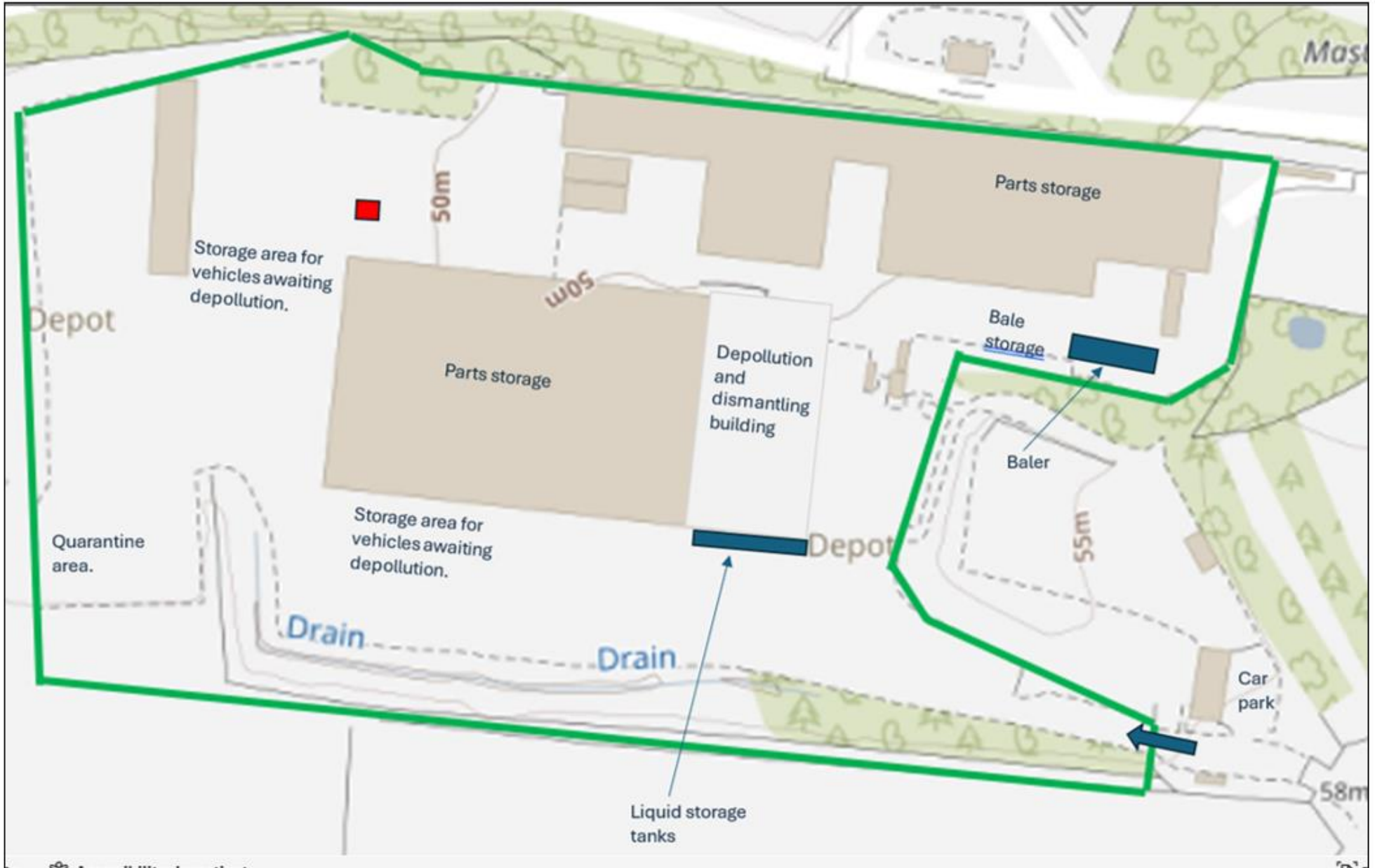
- 6.4 Elevated levels of noise may escape from the site due to the breakdown of the waste treatment or abatement equipment. Machines not operating to the manufacturers specification may create unacceptable levels of noise and the failure of control equipment such as silencers may allow unacceptable levels of noise to escape from the site.
- 6.5 In the event of equipment or abatement breakdown the mitigation measures to be undertaken are the same as the contingency mitigation measures detailed in section 5.

7. Management Responsibilities and Review

- 7.1 The TCM will periodically review operations in relation to noise matters together with any complaints, Environment Agency inspection reports and monitoring results. The results of the review shall be used to assess the need for changes to the Noise Management Plan including amending site procedures and further monitoring work if necessary.
- 7.2 Notwithstanding the above, the Noise Management Plan will be reviewed annually by the TCM or otherwise in response to a request from the Local Planning Authority or Environment Agency, or if there are changed circumstances such as the operation of new processing plant or substantial noise complaint. Any amendments to this document must be agreed in writing with the Local Planning Authority.

APPENDIX 1

SITE LAYOUT PLAN



APPENDIX 2

HOUSEKEEPING FORM

Site Managers daily checklist

Name

Date

Time

Have any incidents or potential problems relating to fire prevention, dust, odour and noise management been reported on site during the previous 24 hours?	Yes	No
Details and remediation undertaken:		

Have any incidents or potential problems relating to fire prevention, dust, odour and noise management occurred during the previous 24 hours which would require reporting to the Environment Agency, Bassetlaw District Council or the emergency services?	Yes	No
Details of report and persons reported to (including name and contact number):		

Do any of the prevention or management plans associated with the waste permit require updating	Yes	No
Details:		

Inspection of plant and waste piles.

Waste Pile / Building	Signs of fire, heat, steam, vapour, dust, noise, odour or any other anomalies (Tick box)		If Yes, remedial action undertaken
	Yes	No	
Un-depolluted ELV storage areas			
Depolluted vehicle storage			
Baler			
Bale storage			
Depollution building and equipment			
Liquid storage area			
Parts storage			
General yard area			
Mobile plant			
Access roads and Blyth Road			

Fire Extinguishers

	Yes	No
Are fire extinguishers appropriate for the materials in the areas where they are mounted?		
Are extinguishers free from obstruction or blockage?		
Are all extinguishers fully charged and in their designated places?		

<p>Action required:</p>

Site staffing

	Yes	No
Is the yard manager on site and if not has a deputy been appointed who is aware of the obligations under the fire prevention plan and all management plans?		
Are all site staff trained in the use of fire extinguishers and undertaken refresher courses as necessary?		
Are all staff aware of the contents of these plans and their role if issues are detected?		

Action required:

Site infrastructure

	Yes	No
Are all signs relating to flammable liquids and no smoking visible and legible?		
Are there any obstructions which could prohibit emergency service access?		
Are exits from all buildings clear, adequately signed, illuminated and free from obstruction?		
Has there been any changes on site to plant, equipment, infrastructure or working practices that would require modification to the plans?		
Have all surfaces within the building been swept clean of dust and litter within the past 24 hours?		

Action required:

Off-site checks

	Yes	No
Have all monitoring points been assessed for noise?		
Are there any obstructions which could prohibit monitoring at any of the check points?		



Was there any evidence of noise detected at any of the monitoring points?		
Is Blyth Road free of debris which could have originated on site?		

Action required:

Additional comments and remedial action

Signed Time

APPENDIX 3

COMPLAINTS FORM

Customer Details

Customer Name -	
Address -	
Postcode -	
Customer Contact Details -	
Tel -	
Email -	
Date -	
Complaint Ref Number -	
Complaint Details -	

Investigation Details

Investigation carried out by -	
Position -	
Date & time investigation carried out -	
Weather conditions -	
Wind direction and speed -	
Investigation findings -	
Feedback given to Environment Agency and/or local authority -	
Date feedback given -	
Feedback given to public -	
Date feedback given -	

Review and Improve

Improvements needed to prevent a reoccurrence -	
Proposed date for completion of the improvements -	
Actual date for completion -	
If different insert reason for delay -	
Does the noise management plan need to be updated -	
Date that the noise management plan was updated -	

Closure

Site manager review date	
Site manager signature to confirm no further action required	