Donald Ward Limited (WARD)

WARD Barnsley

Noise Management Plan

794-ENV-EPC-23680

R01

11 June 2026

TETRA TECH

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Table of contents

1.0 Introduction

1.1.1 The Tetra Tech Consulting Limited Acoustics Team (TT) has been appointed by Donald Ward Limited (WARD) to provide a 'noise management plan' (NMP), as requested by the 'Environment Agency' (EA) as part of an application for an Environmental Permit (EP) regarding the existing WARD waste processing facility located at Boulder Bridge Lane, Barnsley.

1.1.2 TT has also undertaken and submitted a noise impact assessment (NIA) regarding the waste processing operations of the facility as part of the initial information submitted for the EP application[1].

1.1.3 TT is a member of the Association of Noise Consultants (ANC), the representative body for acoustics consultancies, having demonstrated the necessary professional and technical competence. The assessment has been undertaken with integrity, objectivity and honesty in accordance with the Code of Conduct of the Institute of Acoustics (IOA) and ethically, professionally and lawfully in accordance with the Code of Ethics of the ANC.

1.1.4 The technical content of this NMP has been provided by TT personnel, all of whom are corporate (MIOA) members of the IOA (the UK's professional body for those working in acoustics, noise and vibration). This NMP has been peer reviewed within the TT team to ensure that it is technically robust and meets the requirements of our Integrated Management System.

[1] Report reference 794-ENV-EPC-23680.

2.0 WARD Facility

2.1.1 The WARD Facility receives, processes, and recovers ferrous and non-ferrous metals from scrap. Noise generating activity would typically be undertaken on site between 07:00 and 17:00 hours will include the use of the following plant and associated items.

- Scrap Handlers
- Ferrous Shear
- Non Ferrous Shear
- Mobile Shear
- Trommel
- Super Chopper
- Cable Granulation Plant
- Cable Granulation Extract Plant
- MRP

2.1.2 Waste activities may occasionally be carried out until 23:00 if dictated by operational needs. It is understood that maintenance works may be carried out during the night-time periods between 19:00 and 04:00, although this is understood to be infrequent.

2.2 Noise Sensitive Receptors

2.2.1 The nearest ‘noise sensitive receptors’ (NSRs) to the facility are residential dwellings located on Shaw Lane, approximately 215 m south-east and 340 m south-west of the facility.

2.2.2 Figure 1 at the end of this report shows the location of NSRs and the site of the facility.

3.0 Noise Impact Assessment Summary

3.1.1 Baseline sound levels have previously been determined through the undertaking of an unattended sound level survey, between 15th May and 19th May 2026 at 1 Fairfield Cottages. Full survey details are provided in the NIA.

3.1.2 Table 3.1 below provides a summary of the representative baseline background and residual sound levels determined by survey and as used in the NIA. The representative level has been determined by consideration of the survey data.

Table 3.1: Baseline Sound Levels

NSR Name	Daytime (07:00 – 23:00)	
	Background Sound Level (dB $L_{A90,T}$)	Residual Sound Levels dB ($L_{Aeq,T}$)
NSR 1	40	57
NSR 2	40	57

3.1.3 Specific sound levels associated with the operation WARD facility have been calculated using 3-D noise modelling software, SoundPlan v9.1. Activities and/or plant items in operation are summarised below. Further details are provided in Section 4 of the NIA report:

- Scrap Handlers
- Ferrous Shear
- Non Ferrous Shear
- Mobile Shear
- Trommel
- Super Chopper
- Cable Granulation Plant
- Cable Granulation Extract Plant
- MRP

3.1.4 Table 3.2 below summarises the calculated NIA specific sound levels at all NSRs, rounded to the nearest whole number.

Table 3.2: Calculated Specific Sound Levels

NSR Name	Daytime (07:00 – 23:00) Specific Sound Level (dB L_S)	
	Ground Floor	First Floor
NSR 1	47	47
NSR 2	45	45

3.2 Assessment

3.2.1 The BS 4142:2014 + A1:2019 industrial noise assessment carried out as part of the NIA has identified that while the rating levels at receptors exceed the background sound levels by up to 7 dB, when considered in context the site is expected to generate only a low impact at NSRs.

3.2.2 As the character of the existing acoustic environment at receptors is dominated by scrap metal processing facilities, noise from the WARD site is expected to not be distinguishable at receptors.

3.2.3 As the rating level is up to 10 dB below the residual sound level, the WARD facility is not expected to generate adverse impacts at receptors.

4.0 Minimising Noise Impact

4.1 Best Available Techniques

4.1.1 Best Available Techniques (BAT) to minimise noise emissions from the WARD facility have already been employed. These include measures to encase the extract fan and motor in an external enclosure and mitigate noise levels within the granulation building affecting noise breakout.

4.1.2 Good practice techniques should also be followed as summarised below:

- Stopping plant/equipment running when not in use;
- Carrying out works as effectively and efficiently as safely possible to reduce the amount of time equipment is operational; and,
- Minimising activity away from the site boundary as far as reasonably practicable.

4.1.3 On the basis of the above application of BAT, and with reference to Section 3, noise emissions from the WARD facility are not of a magnitude sufficient to give reasonable cause for annoyance and a high general level of protection of the environment as a whole is provided. Consequently, operation of the WARD facility is compliant with, regards to BAT and noise emissions, The Environmental Permitting (England and Wales) Regulations 2016.

4.2 General Maintenance

4.2.1 All items of plant and equipment will be subject to a strict maintenance routine, in accordance with the manufacturers' guidelines, to ensure that they are free from mechanical and/or electrical faults, which could give rise to excessive noise levels.

4.2.2 All items of plant and equipment will be subject to routine inspection to ensure that:

- they are in a good state of repair; and
- that all maintenance and repairs are being undertaken by a suitably trained or appropriately qualified person.

4.2.3 All inspection and testing will be recorded.

4.3 Monitoring

4.3.1 Noise is controlled through the on-going monitoring and observations of site operations by the operator. Note that observations in regard to the working environment will be recorded in the Site Diary. Note that decibel noise levels do not necessarily need to be logged, only any change in operational noise levels observed.

5.0 Noise Complaints and Investigation Procedure

5.1.1 As outlined in Section 3, noise emissions from the WARD facility would be of a magnitude unlikely to result in adverse noise effects and/or give reasonable cause for annoyance, when considered in context of the wider site. Nevertheless, in the event of plant items developing faults or similar, noise emissions may increase such that noise complaints are raised by local residents.

5.1.2 In the event of noise complaint being received, either by local residents or regulators, an investigation shall be undertaken without unreasonable delay, to confirm that noise from the WARD facility do not give rise to significant levels of noise at nearby residential NSRs.

5.1.3 The noise complaint investigation procedure (NCIP) to be followed is set out within Appendix A.

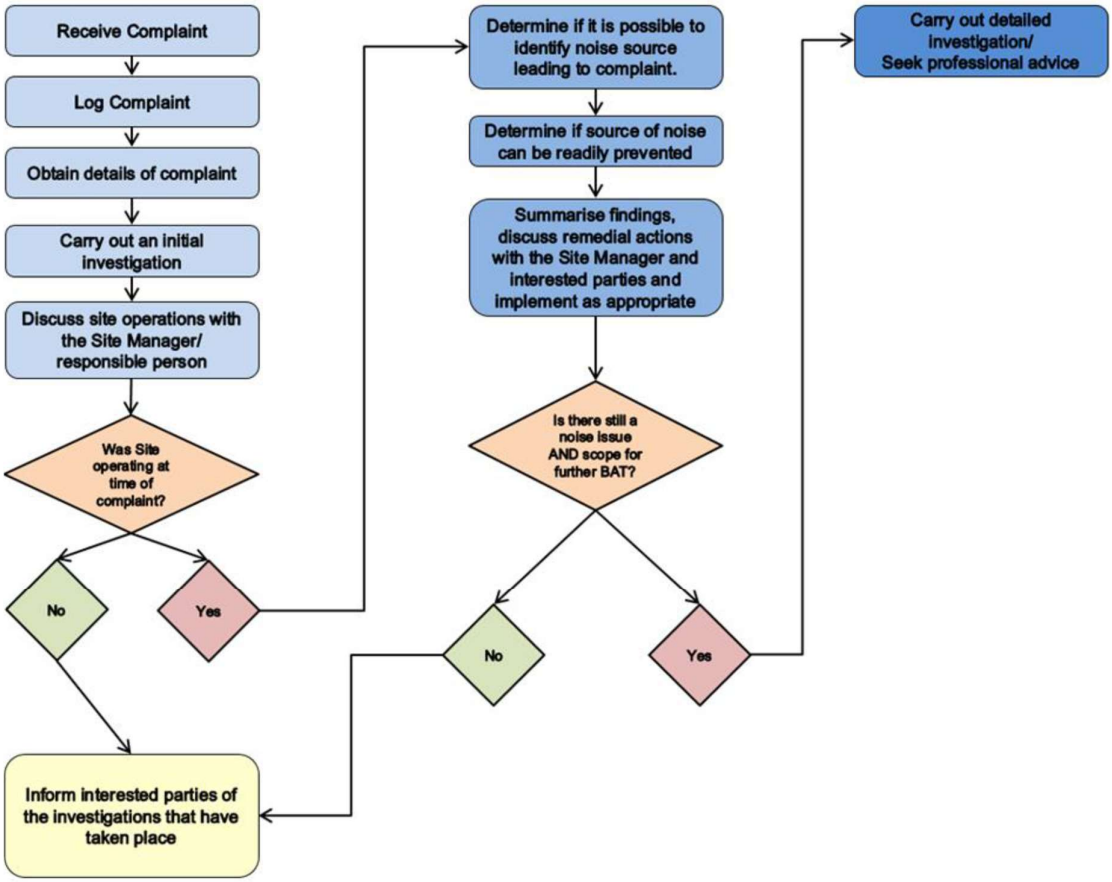
5.1.4 The NCIP will be followed to ensure that appropriate action is taken to identify and resolve the cause of the complaint.

5.1.5 Where site staff are unable to complete investigations to an appropriate technical level, a competent person (i.e. qualified educationally in acoustics or one with an appropriate period of experience in acoustics in lieu of such qualification and who is a member of the IOA) shall investigate the cause of the complaint and recommend remedial action.

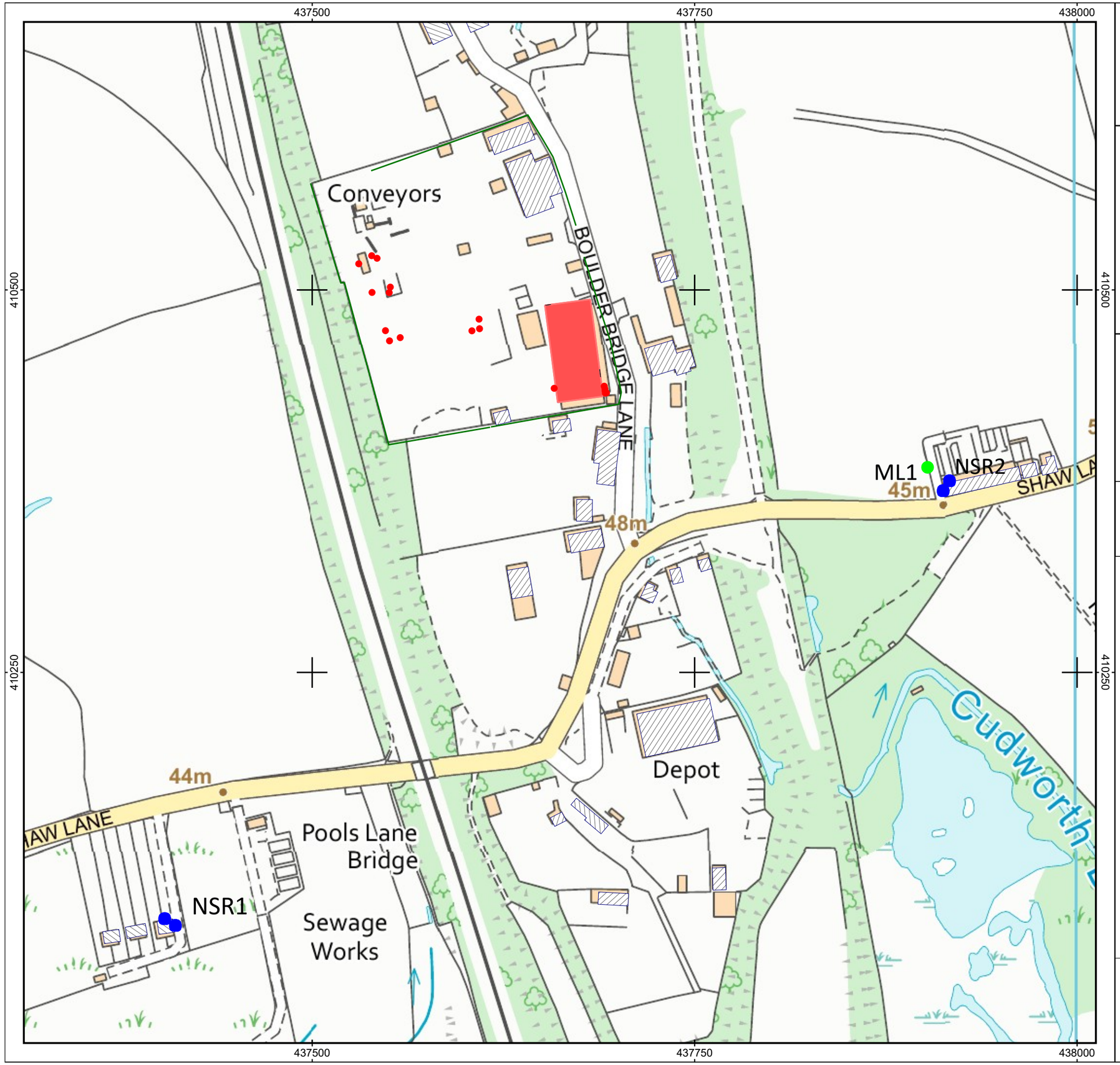
5.1.6 Following completion of NCIP the following actions shall be undertaken:

- where the NCIP identifies that the complaint is not justified, operators will liaise with regulators to discuss findings;
- where the NCIP identifies that the complaint is justified and applicable to WARD operations, and identifies further BAT to apply at the WARD facility, WARD will liaise with regulators to agree timescales for implementation; and
- where NCIP identifies that complaint is justified, but the WARD facility is operating according to BAT, WARD will liaise with regulators to discuss findings.

Appendix A


Receive Complaint
Log Complaint
Obtain details of complaint
Carry out an initial investigation
Discuss site operations with the Site Manager/ responsible person
Was Site operating at time of complaint?
No
Yes
Inform interested parties of the investigations that have taken place
Determine if it is possible to identify noise source leading to complaint.
Determine if source of noise can be readily prevented
Summarise findings, discuss remedial actions with the Site Manager and interested parties and implement as appropriate
Is there still a noise issue AND scope for further BAT?
No
Yes
Carry out detailed investigation/ Seek professional advice

FIGURES



Customer: Donald Ward Limited

Project: WARD Barnsley
Project-No. 794-ENV-EPC-23680

Figure
1

Figure 1
Noise Monitoring and Sensitive Location Figure

Project engineer:
Created: 11/06/2026
Processed with SoundPLAN 9.1, Update 19/12/2024

Signs and symbols

- Basemap
- Point Source
- Industrial Building
- Main building
- Wall
- Noise Sensitive Receptor
- Industrial building

N

Length scale 1:2500

0 20 40 80 120 160 m

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SoundPLANnoise 9.1 C:\Users\peter.kowalczuk1\OneDrive - Tetra Tech, Inc\Desktop\SP Models\Sims Barnsley\Data Incoming - Copy\Figure 1.sgs