

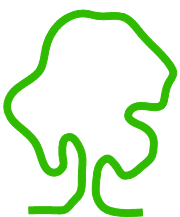
P J BROWN LIMITED

EAST SUSSEX NATIONAL GOLF COURSE
LITTLE HORSTED, EAST SUSSEX, TN22 5ES

REMODELLING OF LAND TO UPDATE FACILITIES

Noise Management Plan


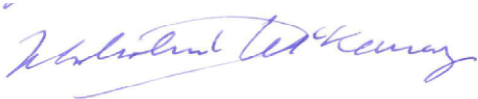
April 2023
(Revised May 2023)



eas ltd

Environmental Assessment Services Ltd

REPORT DATA SHEET

Requirement	Data
Report Reference	603/PJB/DMP
Date	April 2023
Client	P J Brown Limited
Report type	Noise Management Plan
Purpose	Bespoke Environmental Permit
Revisions	May 2023
Prepared by	Lucy Collins BSc (Hons) MSc, QCIEEM  Signed
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P J BROWN LIMITED

**EAST SUSSEX NATIONAL GOLF COURSE, LITTLE HORSTED, TN22 5ES
REMODELLING OF LAND TO UPDATE FACILITIES**

Noise Management Plan

April 2023
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EAST SUSSEX NATIONAL GOLF COURSE, LITTLE HORSTED, TN22 5ES REMODELLING OF LAND TO UPDATE FACILITIES

Noise Management Plan

April 2023
(Revised May 2023)

1. BACKGROUND

1.1 The Site and Proposed Work.

The site comprises three areas of the golf course that are to be remodelled to improve the facilities, improve drainage, and increase biodiversity. The work will require raising much of the area by between 1 and 1.5 m.

The work will require a bespoke Environmental Permit for “deposit of waste on land in a recovery operation”.

Material to be imported on to the site will include inert soils for the remodelling work plus hardcore and gravel for drainage works and to reinforce the haul road and site access.

The material will be brought to site by lorry and delivered to the treatment area, where it will be sorted, graded, and screened (by power screen) as necessary before stockpiling. The material in the stockpiles will be moved to the appropriate areas of the work as required by site plant, and placed, profiled, and compacted as required to complete the proposed scheme. Once the profiling is complete, the area will be planted, seeded, and surfaced as required to complete the scheme.

On completion of the scheme, the treatment area and haul road will be landscaped, and the plant will be removed from site.

Noise may be generated through all phases of the work, in particular during the treatment processes and from the plant placing of materials within the work areas.

1.2 Sensitive receptors.

The principal sensitive receptor will be the golf course (players), hotel and spa within the East Sussex National site. Whilst these are under the same ownership as the areas of the proposed works, they will be very sensitive to nuisance and loss of amenity. There are public footpaths within the vicinity and users could be impacted by noise from the works.

There are no residences within the immediate vicinity, the nearest being at Tilebarn Farm, some 500 m distant and at Hunningtons Farm, some 1000 m distant.

Noise is attenuated through distance and the greatest impact will be on the receptors closest to the work.

2. SOURCES OF NOISE DURING THE PROPOSED WORK

2.1 The significant sources of noise during the work are likely to be:

- Lorries arriving, tipping in the treatment area and leaving.
- Wheeled loading shovel loading the power screen and working on stockpiles.
- Operation of the power screen.
- Dump truck carrying sorted material to the working areas.
- Tracked plant (bulldozers, etc) moving material and profiling in the working areas.
- Compacting plant operating in the working areas.
- Operation of the wheel wash.

2.2 The principal location of noise sources is likely to be the treatment area.

3. NOISE MANAGEMENT

3.1 **Responsibility for Noise Management.**

The site manager will be responsible for noise management.

3.2 **Monitoring and Noise Impact Assessment.**

The degree of noise impact will also be affected by the background noise level at the receptors. For outdoor receptors, the impact will partially depend on whether the normal $L_{(A)eq}$ at the location is more or less than the World Health Organisation's outside annoyance threshold of $55dB_{(A)}$. For accurate assessment of noise impacts, it will be necessary to measure background noise levels at the hotel and spa, and the $L_{(A)eq}$ values out on the golf course on the holes closest to the proposed works. This monitoring can be carried out prior to the commencement of the work.

Once the plant and machinery to be used in the work has been identified and the operating locations have been confirmed, a noise impact assessment to BS 4142:2014+A1:2019 will be carried out. This will use manufacturers' noise rating data and measurements of the plant in operation plus frequency analysis to establish the factors for tonal and intermittency adjustments. Noise impacts at the noise sensitive receptors will be calculated and, where indicated, noise attenuation measures will be proposed.

Once operations start, the noise levels predicted at the noise sensitive receptors will be checked to ensure that the predicted (and attenuated) noise levels are not exceeded. Where exceedences are measured, further attenuation measures will be applied.

Further monitoring should only be necessary in the case where there is a disputed complaint or to establish the effectiveness of new/proposed noise attenuation measures.

3.3 **Noise control, and attenuation measures.**

The following noise control and mitigation measures are recommended:

- Selection of quiet types of plant, where such selection is practicable.
- Ensuring that silencers or manufacturers' acoustic screening on plant is fitted and maintained.
- Keeping speeds low on the haul roads.
- Avoiding banging tail gates on lorries after tipping.
- Minimising the need for lorries to reverse within the site to reduce noise from reversing beacons.
- Using "white noise" reversing beacons for plant such as wheeled loading shovels which continually have to move back and forward.
- Enclosing working areas close to/facing towards the sensitive receptors within noise barriers in the form of hoardings or soil bunds, where practicable. It is intended to, at least partially, enclose the treatment area within a soil bund.

It should be noted that the work will be carried out during normal business hours and will not include night-time or Sunday working.

4. REPORTING AND COMPLAINTS

4.1 **Engagement with stakeholders.**

Prior to the commencement of the works, stakeholders likely to be affected by noise from the proposed works should be contacted to establish channels of communication in the event of noise impacts on their interests becoming apparent. The principal stakeholder is likely to be the management of the golf course, hotel and spa.

4.2 **Reporting and recording of complaints.**

The contractor should provide a notice at the site access off the A22 providing a telephone number and an email address for receiving complaints.

Complaints should be recorded on a log giving the date and origin of the complaint, the nature of the complaint, the responsibility for responding to the complaint and whether a response has been initiated. See Appendix A.

4.3 **Responding to complaints.**

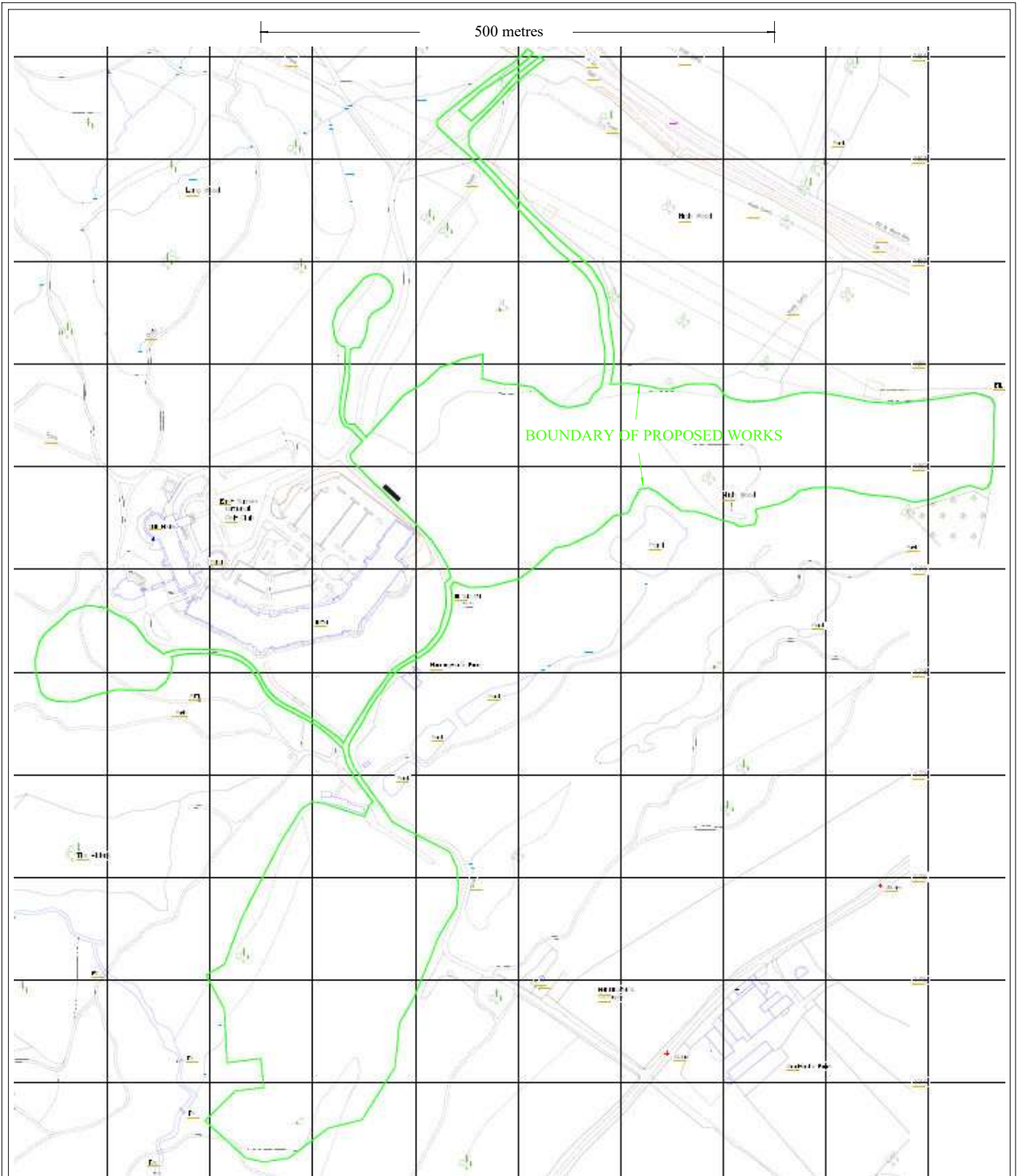
Responding to complaints will be the responsibility of the site manager.

All complaints should be responded to as they may be an indication that the noise management regime is inadequate and requires improvement.



FIGURES

Figure 1: The Site and Proposed Areas of Work



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Scale as shown

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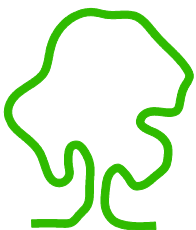
Figure 1: The Site and Proposed Areas of Work

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APPENDIX A
Noise Complaints Log

NOISE COMPLAINT LOG

Date of complaint	Nature of complaint	Complainant	Person responsible for dealing with complaint	Outcome



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