



Noise Management Plan

The Old Crown Dyeworks

EFR Ltd.

Document Reference: 346/1—R1.2 - NMP



Minerals
Waste
Environment

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Document Title: Noise Management Plan
Document Reference: 346/1—R1.2 - NMP
Site / Project: The Old Crown Dyeworks
Client: EFR Ltd.

Document Versions

1.2 05/09/2023

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Checked by: JMS
Approved by: JMS

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1.0 Introduction

1.1 This Noise Management Plan (NMP) supports an application vary the existing Environmental Permit at The Old Crown Dyeworks, Bradford, BD4 8TB ('The Site'). The Permit is currently a Standard Rules Permit for up to 75,000 tonnes per annum. The variation will change the Permit to a Bespoke Permit, with a maximum annual tonnage of 150,000 tonnes, and add the waste code 19 12 12 to the current list of accepted wastes.

1.2 This NMP outlines the procedures in place to assess and minimise the potential impacts from noise produced by the site and the control measures in place to mitigate the risk.

1.3 Controlling noise impacts is the responsibility of the operator, and the effectiveness of this NMP will be regularly reviewed in order to maintain effective noise control. The operator is committed to ensuring that all plant and equipment, including any noise control measures, are operated and maintained appropriately such that noise is controlled effectively at all times.

2.0 Sources, Releases and Impacts – Risk Assessment

2.1 Sources of noise at The Site are limited to the following activities:

- Transportation of material to and from The Site
- Loading and unloading of materials
- Treatment of materials
- On site vehicle movements and plant

2.2 The noise levels from The Site will vary throughout the day depending on planned deliveries, collections and operational requirements etc. Whilst The Site is available for deliveries 24 hours a day, it is not proposed for The Site to be open at all hours. In accordance with The Site's EMS, processing of waste only takes place between the following hours:

- 06:00 to 18:00 weekdays

- 08:00 to 16:00 weekends

2.3 The pathway for noise will be through air. The nearest sensitive receptors are a traveller site 125 metres to the south and industrial units / yards surrounding The Site in all directions (those to the north are separated from The Site by a railway line). Approximately 170m to the north are residential properties, though the area between these and The Site is occupied by the railway line and further industrial units / yards.

Source	Pathway	Receptor	Risk Management	Overall risk
Normal operational noise	Air	Local human population	Control measures in place as below. NMP reviewed at least annually	Low
Increased noise due to accident or breakdown	Air	Local human population	Control measures in place as below. NMP reviewed at least annually. Maintenance schedule in place for all plant. Staff trained in awareness of noise. Site Manager will assess when operations should cease if noise impact is unacceptable.	Low
Emergency situation resulting in a loss of noise control	Air	Local human population	Control measures in place as below. NMP reviewed at least annually. Staff trained in awareness of noise. Site Manager will assess when operations should cease if noise impact is unacceptable.	Low

2.4 A Noise Impact Assessment has been carried out (ref: 50-980-R1-2), which concluded that there would be no adverse impacts from Noise upon identified sensitive receptors.

2.5 It is therefore concluded that the risk of noise causing unacceptable adverse impacts at Sensitive Receptors is very low. Noise control measures will be implemented on-site to ensure this remains the case.

3.0 Noise Control Measures

3.1 Noise mitigation due to the distance to the nearest sensitive receptors and existing screening from buildings and / or vegetation will be supplemented by added physical control measures and management control measures as detailed below.

3.2 Physical Control Measures:

- Reversing alarms will be white noise
- Plant will be fitted with silencers where appropriate

3.3 Management Control Measures:

- Site Management Responsibility – the TCM and Site Manager have the responsibility of ensuring the control measures are in place to reduce the potential for noise impact.
- All staff are suitably trained and have the responsibility of reporting any noise issues to the Site Manager.
- All plant and machinery is regularly and properly maintained.
- Vehicles adhere to the 10mph speed limit on site.
- All engines are switched off when not in use.
- Drop heights are kept to a minimum
- Loading of plant and equipment takes place on ground level
- Vehicle horns are used only as Health and Safety Measures
- No shaking of vehicle bodies whilst raised is allowed to take place
- Deliveries are intended to be spread out evenly across any working day

4.0 Monitoring

4.1 All operational staff, as part of their induction, are made aware of their roles and responsibilities. It is the responsibility of all staff to be aware of noise on site and to report any potential noise issues to The Site's TCM or Site Manager

at the earliest opportunity.

4.2 Routine noise monitoring is not carried out at The Site, and is not proposed going forward, unless required as part of an investigation.

4.3 There is a routine maintenance schedule in place for plant and machinery to ensure they are running safely and effectively. This preventative maintenance identifies if any plant is operating at an elevated noise level, which may have the potential to cause an unacceptable impact. Any plant showing defects or issues is reported to the maintenance team at the earliest opportunity.

4.4 The majority of plant on site is subject to manufacturer maintenance contracts, which will continue as part of the overall preventative maintenance.

5.0 Noise Contingency Measures

5.1 Noise Complaint Procedure

5.1.1 Any complaints follow the complaint procedure in the EMS and are recorded in both the site diary and on the Complaints Report Form (EFR/RF/7). An investigation into the complaint will be actioned within 72 hours of receipt.

5.1.2 An investigation will be carried out into the cause for the complaint and the complainant is contacted (where requested) with the outcome of the investigation and the action taken to prevent further incidents.

5.1.3 The EMS and any specific Management Plans within it are reviewed following receipt of any complaints.

5.1.4 Any noise monitoring that may be required as part of an investigation will be carried out by a suitably qualified consultant.

5.2 Elevated Noise Issues

5.2.1 Noise issues identified are reported to the TCM / Site Manager at the earliest

opportunity and an investigation into the source of the elevated noise will be carried out at the earliest opportunity and within 72 hours of it being reported. The outcome of the noise investigation and any proposed actions required will be reported in the site diary and actioned immediately.

5.2.3 Any operational failings or accidents will be assessed to consider where retraining of staff may prevent an incident reoccurring and the retraining will be actioned at the earliest opportunity. Training will be documented in-line with the current EMS and a training record created with appropriate review dates specified.

5.2.4 Any noise monitoring that may be required as part of an investigation will be carried out by a suitable qualified consultant. The TCM / Site Manager will inform the Environment Agency, where necessary, throughout the process following an elevated noise issue complaint.

5.3 Reporting Measures

5.3.1 Any complaints or elevated noise issues will be recorded in both the site diary and on the Complaints Report Form (EFR/RF/7).

6.0 **Emergency Plans (including exceptional circumstances)**

6.1 An emergency with regards to noise management would be the loss of control of noise emissions which could have an unacceptable impact on the surrounding receptors.

6.2 If an event is considered an emergency, the TCM / Site Manager would immediately assess the situation and a decision would be made as to whether the site should reduce hours or suspend operations until the elevated noise issue is controlled. The measures required would be considered on a case-by-case basis and would follow the general procedure for dealing with elevated noise issues.

7.0 Responsibilities and Review

7.1 It is the responsibility of the TCM and Site Manager to oversee the operations on site and to be sufficiently trained and familiar with the requirements of the Environmental Permit and management systems at The Site. The TCM and Site Manager will have the responsibility of ensuring that appropriate control measures are in place to reduce the potential for noise impact. Regular meetings will be held to discuss ongoing and planned operations that have the potential to generate elevated noise emissions.

7.2 The NMP and associated control measures is reviewed on an annual basis and / or following a complaint or elevated noise issue. The NMP review will take into account an update of relevant surrounding land uses and any known future developments.

9.0 Community Engagement

9.1 The nearest residential property (Travellers' Site) is situated approximately 125m to the south of the Site. There is very low probability that noise emissions from the operation could impact upon the nearest residential property due to the low noise potential from the operations and the management in place. The operator will provide contact details to the local residents and local businesses in the immediate vicinity to ensure that, in the unlikely event of noise complaints, they can be reported to the operator. Contact details are also provided on the company website and site gates.

9.2 The next nearest residential receptors are over 300m to the north, and are also unlikely to be affected by noise for the reasons above. However, these are potentially in the path of prevailing wind, but are nonetheless separated from The Site by intervening vegetation, a railway line and further industrial buildings. The railway line itself is below The Site and separated from it by a line of dense vegetation, likely protecting the line itself.