

Site Name:

Blackhill Quarry, Kings Road, Bramhope,  
Leeds, LS16 8BG

Ref No:

- Rev 1

# Noise Minimisation Plan

## Blackhill Quarry Site Kings Road, Bramhope Leeds, LS16 8BG

Contract Name:	Blackhill Quarry
Contract Address:	Kings Road Bramhope Leeds
Postcode	LS16 8BG
Author:	Denis Greene
Checked:	Denis Greene
Issue Date:	07/012/2022
Revision	1

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Noise Action Plan - Manual Revision Sheet

Revision Number	Date of Issue	Reason for Revision and Comments	Signature
1	07/12/22	Updated to reflect the addition of a Soil Washing Plant to process Highways Specification Materials ie Class 1 & Class 2	

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## 1 Introduction

The Noise Minimisation Plan relates to the Waste Recycling undertaken at the Mone Brothers Excavations Limited site at Blackhill. The site is controlled by the following Permits: -

- The Environmental Permitting (England and Wales) Regulations 2016, Environmental Permit, Mone Brothers Excavations Limited, Reference No. B0056 issued by Leeds City Council for the operation of crushers and screeners on 30<sup>th</sup> April 2021.
- The Environmental Permitting (England and Wales) Regulations 2016, Environmental Permit, Mone Brothers Excavations Limited, Reference No. EPR/NB3135RJ/V003 issued by the Environment Agency on 22<sup>nd</sup> February 2014.
- The Environment Act 1995, Water Resources Act 1991 as amended by the Water Act 2003, The Water Resources (Transitional Provisions) Regulations 2017 – Full License to Abstract Water, License Serial No. NE/027/0020/029 dated 26<sup>th</sup> March 2021.
- Leeds City Council Planning Consent, Ref 17/02112/FU dated 15<sup>th</sup> December 2017.
- Leeds City Council Planning Consent, Ref 19/06854/CON dated 23<sup>rd</sup> December 2019.

In summary the Works at the Blackhill Quarry Site comprise: -

- Access to the site from Kings Road.
- Traverse along concrete hardstanding road to weighbridge
- Traverse along concrete road into the processing area of the quarry/recycling area and tip inert wastes or deliveries of aggregates and sands or collect primary/secondary aggregates
- Excavate for primary aggregates and transport to processing area
- At the processing area Screen and Crush the materials to produce primary aggregates and secondary aggregate in line with the WRAP Protocol
- At the washing plant processing area, engineering materials will be screened and washed to produce both primary and secondary aggregates of sands, single sized aggregates and engineering clay bound materials in line with the Specification for Highway Works.
- Stockpile aggregates, primary aggregates, secondary aggregates, imported aggregates for re-sale and fines
- Load lorries and transport to weighbridge
- Egress from site via Kings Road

The site is being operated by Mone Brothers Excavations Limited (MBEL) who are acting as the Producer.

## 2 Project Details

### 2.1 Location

The site is located 6 miles north of Leeds City Centre and immediately off A660 - Otley Road heading onto Kings Road, Bramhope it is 0.5 mile from Golden Acre Park.

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## 2.2 Scope of Document

To provide a document which defines the assessment and control of noise at Blackhill, taking into account the requirement for noise minimisation in Condition 12, 13 & 15 of Planning Consent 17/02112/FU.

## 2.3 Details of the Project Team

Site Operator	Mone Bros Civil Engineering Limited
Address:	Albert Road Morley Leeds LS27 8RU
Tel:	0113 252 3636
Contacts:	Michael Coleman – Managing Director Steve Horsley – Operations Director
E-mail:	<a href="mailto:Michael.coleman@monebros.co.uk">Michael.coleman@monebros.co.uk</a> <a href="mailto:Steve.horsley@monebros.co.uk">Steve.horsley@monebros.co.uk</a>
Tel:	0113 2523636 – Head Office, Morley 07826 865514 - Michael Coleman 07850 922007 – Steve Horsley
Responsibility for Site Operation	Steve Horsley – Operations Director Kevin Mone – Director Craig Morrell – Quarry Manager
E-mail:	<a href="mailto:Steve.horsley@monebros.co.uk">Steve.horsley@monebros.co.uk</a> <a href="mailto:kevin.mone@monebros.co.uk">kevin.mone@monebros.co.uk</a> <a href="mailto:craig.morrell@monebros.co.uk">craig.morrell@monebros.co.uk</a>
Tel:	0113 267 4386 – Site Landline Number 0113 2523636 – Main Offices Landline Number 07850 922007 – Steve Horsley 07712 597654 – Kevin Mone 07966 612322 – Craig Morrell
Qualifications	WAMITAB for operation management

## 2.4 Programme

<b>Construction Start Date</b>	N/A
<b>Construction Programme:</b>	Ongoing
<b>Expected Completion Date:</b>	Ongoing

Site Name:

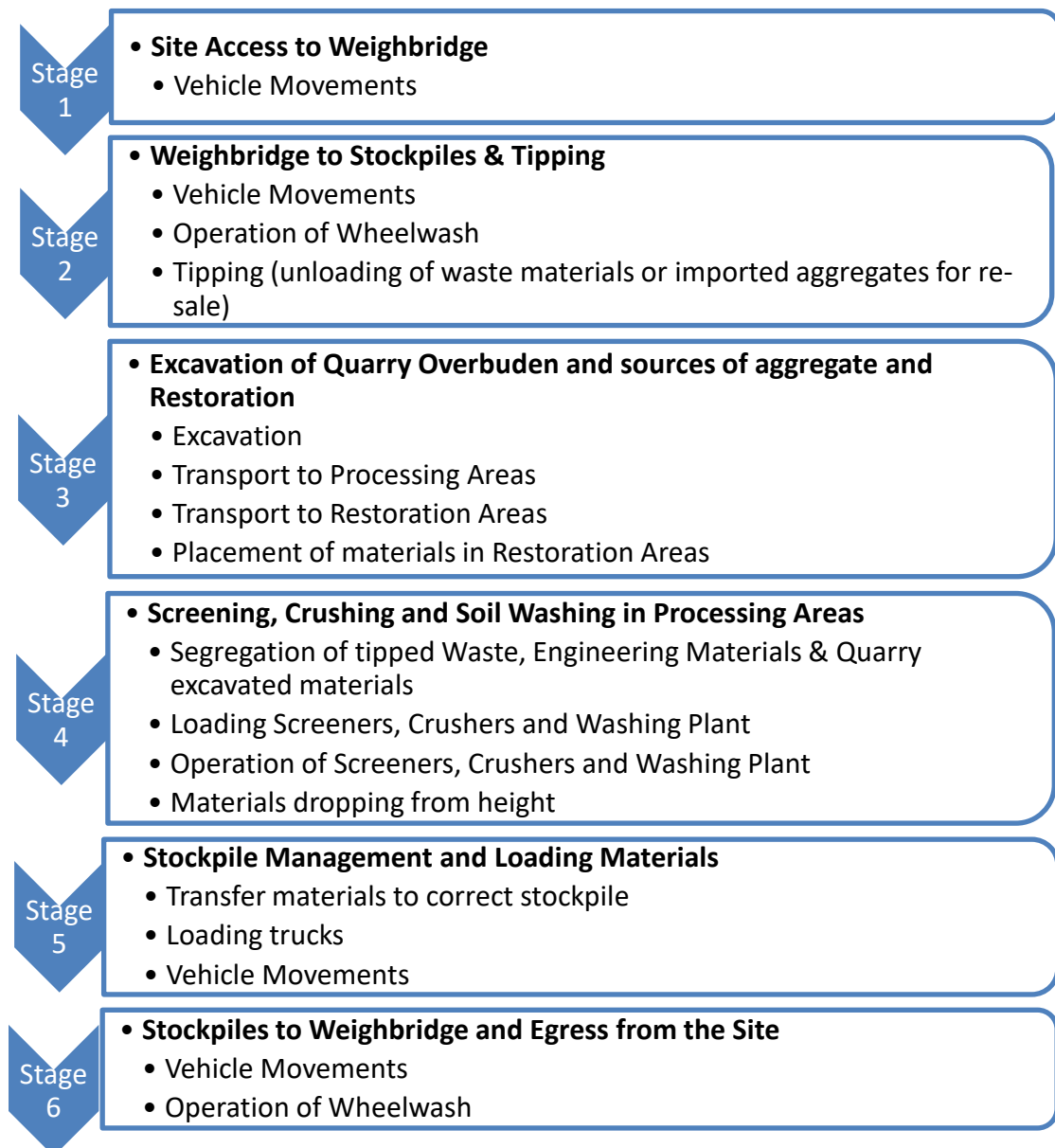
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### 3 Site Operation

3.1 A Flow Chart is provided in Figure 1 below which summarises potential sources of noise generation:



**Figure 1 - Flow Chart of Site Operations with Potential Sources of Noise Generation**

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### 3.2 Sources of Noise: -

There is minimal risk of noise to off-site receptors, due to the location and distance of the site from sensitive receptors. The following table provides the sources of noise and control regimes.

Source of Noise	Operating Control Measures	Inspection Regime	Corrective Action Plan
Site - General	<p>Site Manager is the Responsible Person (RP) for Operation of Site including this Noise Management Plan. The Site Manager will deal with operational issues on-site and raise issues, non-conformances with Contract Manager (CM) and Technical Consultant (TC).</p> <p>Staff and Operatives to be made aware of their responsibilities including to their neighbours via Tool Box Talks and this document.</p>	In line with this document	In line with this document
Processing Area and Excavation Areas.	Maintain the existing screening bund and Wooded Areas along the Boundaries of the site. To maintain the sound barrier for the operations including screening, crushing and washing.	Qualitative monitoring by Site Manager & Contracts Manager	Stop the Works and develop alternative working methods until bund re-instated
All Vehicles and Plant	<p>Only allow operation between: - Site Hours – Monday to Friday 7am to 6pm, Saturday 7am to 1pm Recycling and Crushing Area: - Monday to Friday 7.30am to 6pm Saturday 7.30am to 1pm (unless agreed with Local Authority). Similarly, for the washing plant, but with automatic filter press release continuing for approximately 2 hours after plant shutdown. No operations on Sundays and Bank Holidays (other than essential maintenance which shall be agreed with Local Authority in advance)</p>	Qualitative monitoring by Site Personnel and report to Site Manager	Stop the Works, investigate and only re-start when corrective measures in place.
	When machines are not in use either turn off or set to idle.		Stop vehicle when safe to do so. Site Manager to discuss with the driver and agree corrective action.
	Site Speed limit of 10mph to reduce tyre noise		
Delivery/Collection Vehicles	<p>Only to tip in designated areas</p> <p>Drop heights to be kept at a minimum when tipping</p>		
All Plant and Equipment in the site including the Processing Area,	All machinery will be operated in accordance with the manufacturer's guidance	Fitters to regularly maintain. Operatives to be trained and report any issues to the	Arrange for repair at the earliest point
	All machinery to be well and regularly maintained.		

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Source of Noise	Operating Control Measures	Inspection Regime	Corrective Action Plan
Quarry, Landfill and Washing Plant.	White noise reversing alarms to be fitted to front loaders and dumptrucks	Site manager who will arrange any maintenance	
	Crushers, screeners and washing plant rubber buffers and hanging skirts to be well maintained		
	Crushers and screener movements to be minimised to reduce noise levels		Plan the works to minimise movements
	Wash Plant to be operated and maintained in line with Manufacturer's instructions		Arrange for repair at the earliest point
	Washing Plant to be located in former shed area which is at a lower level and shielded from sensitive neighbours.	Planning requirement. Site Manager to control.	Plant is static - do not move without planning approval
	The discharge belt of fines from crushers and screeners to be kept low to minimize noise generation from materials dropping from height.	Qualitative monitoring by Site Personnel and report to Site Manager	Site Manager to re-arrange works
	The discharge belt of aggregates from washing plant to be kept low to minimize noise generation from materials dropping from height and dropped into U shaped concrete loading bays which will also act contain the aggregates and importantly as a noise barrier	Qualitative monitoring by Site Personnel and report to Site Manager	Site Manager only to amend the plant configuration after approval from planning authority.
	Keep the working area clean & tidy – to reduce noise levels	Site Manager	Maintain site and haul roads
	Operatives to be appropriately trained – will minimise noise levels	Site Manager to check competence	Train personnel
	Loading vehicles, crushers, screeners - minimise drop height	All operatives	Train personnel

**Table 1 - Sources of Noise and Control Plan**



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### 3.3 Control of Noise: -

The following noise control measures will be used: -

Action	Description of control measure
Working Hours	Work to Site Operational Hours
Isolation	Maintenance of the Boundary Bund and Wooded Areas
Maintenance	All plant to be regularly maintained
Operation of Plant & Equipment	In accordance with manufacturers guidelines
	All operatives to be appropriately trained
Site Speed Limit	Reduce tyre noise – limit of 10mph
Traffic and Plant Operation & Movement	Only during site operational hours
Loading/Unloading	Maintain minimum drop heights
Good Housekeeping	Keep roads clear & clean
Plant movements	Keep to a minimum

**Table 2 - Control of Noise**

#### 4. Monitoring of Noise and Corrective Actions

- 4.1** Qualitative monitoring will be undertaken on site a minimum of two times per day and recorded as per Appendix 1.
- 4.2** Monitoring is a constant process undertaken by all personnel as part of their Works, with the Works being continually adjusted to meet the changing environmental conditions. Any noise problems must be immediately reported to the Site Manager/Weighbridge Operator.
- 4.3** Routine maintenance of all plant and equipment will also identify where these are operating at elevated noise levels and work undertaken to repair any issues/defects with the plant and equipment.
- 4.4** Any complaint from a third party or by detection during regular operations by site personnel will be investigated by the Site Manager. The Site Manager/Weighbridge Operator will liaise with the Contract Director as necessary who will address immediately with the Managing Director where the incident is deemed severe or if minor it will be reported at the next Management Meeting. The complaint will be investigated and closed out at the earliest feasible point. All learning events will be communicated to site operatives via Tool Box Talks, training and/or revisions to this document.
- 4.5** Where Corrective Actions are required ie. those which are not part of the daily routine to maintain the site, then these must be put into place at the earliest opportunity and recorded in the Corrective Actions in Appendix 2 or the processing works ceased until the Corrective Actions are fully in place and shown to be effective.
- 4.6** This is a living document and will be reviewed annually or in light of any major changes to the site or as a result of findings from investigations into noise emissions.



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# APPENDIX 1

## ENVIRONMENTAL CHECK LIST

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**Blackhill Quarry  
Environmental Site Check List**

<b>Date:</b>	<b>Day:</b>
<b>Carried out by:</b>	<b>Signed:</b>

Time	07:00				
Weather Conditions					
Site Entrance Condition					
Site Processing Area – Condition					
Internal Haul Routes Condition					
<del>Roadsweeper</del>					
Water Bowser					
Mud on Roads					
<b>Dust Emissions</b>					
Wind Direction					
<u>1 Site Entrance</u>					
<u>2 Processing N</u>					
<u>3 Processing E</u>					
<u>4 Processing S</u>					
<u>5 Processing W</u>					
<u>6 Processing C</u>					
<b>Noise Assessment</b>					
Qualitative Noise Assessment					
<b>Odour Assessment</b>					
Qualitative Odour Assessment					
Notes					

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## APPENDIX 2

# CORRECTIVE ACTION LOG

