



AC
ENVIRONMENTAL
CONSULTING

Noise & Vibration Management Plan



**Horrocks Waste
Management Limited,
Land / Premises At James Street,
Westhoughton,
Bolton,
Lancashire,
BL5 3QR
April 2026**

Ref: HW.PT.NVMP.2504

AC Environmental Consulting Ltd
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Reference & Revision	Issue	Prepared	Approved
HW.PT.NVMP.2504	First Issue	LH	

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1. INTRODUCTION

AC Environmental Consulting Ltd, on behalf of Horrocks Waste Management Limited, have prepared a Noise and Vibration Management Plan (NVMP) for a site located on the land / premises at James Street, Westhoughton, Bolton, Lancashire, BL5 3QR.

The objective of this plan is to provide a framework for site activity noise and vibration management to ensure that noise and vibration levels do not impact on neighbouring buildings.

This plan accompanies a permit variation application for the site, which is to incorporate an additional area of land, thereby extending the currently permitted boundary.

1.1 Contact Details

Role	Name	Organisation	Phone	Email
Environmental Adviser	D. Alcock	AC Environmental	01782 308444	david@ac-environmental.co.uk
Public Complaint	Site Manager	Horrocks Waste Management Limited	01204 843372	developments@horrockswaste.co.uk
Local Authority		Bolton Council	01204 336900	n/a

Horrocks Waste Management Limited are responsible for ensuring that this noise and vibration management plan is correctly implemented.

All site personnel will be required to read and sign the noise and vibration induction form as shown in Appendix 1. If required, specific training will be provided for site personnel.

1.2 Overview

The site is located at the Land / Premises at James Street, Westhoughton, Bolton, Lancashire, BL5 3QR and is operating as a waste transfer station for household, commercial, and industrial skip waste. The nearest sensitive residential property lies approximately 85m south on Peel Terrace. The site is neighboured by various industries including two waste operations, Malrod Environmental Limited and Forshaw Demolition Limited's Waste Transfer Station. To the north and west the site is bordered by Wingates Industrial Park. The site is located on an industrial site therefore there are multiple commercial and industrial properties surrounding the site.

This plan has been written to meet the requirements of the Environment Agency. The site will operate in accordance with this document to ensure that noise pollution is mitigated in every possible way.

The site location and relationship to the landscape is shown in Appendix 4 below.

1.3 Site Activities and Equipment

The site is currently operating as a waste transfer station for household, commercial, and industrial skip waste. Activities undertaken which have the potential to create noise include the unloading and loading of waste, operating of existing site plant and machinery, regular vehicle manoeuvring and regular vehicle access, including HGV traffic.

The main activities undertaken on site are waste sorting and waste storage. The site will only operate in accordance with the operating hours permitted. Horrocks Waste Management Limited is seeking a variation to their environmental permit (reference EPR/LB3309CN) to obtain a bespoke permit. The proposal is to incorporate an additional area of land, thereby extending the currently permitted boundary. The area that serves the extension to the permitted boundary will be additionally used for the processing of inert waste via a trommel, picking line, and a crusher. There will be three stockpiles stored in this area; one will be for the storage of hardcore which will be for crushing; one will be for 6F2 material for loading; and another will be for 6F2 storage.

Waste sorting operations and waste deliveries, as well as aggregate crushing are the most likely activities to result in noise, which include the use of a wheel loader, grab excavator, picking line, trommel and crusher.

The most significant sources of noise are generated from waste unloading and loading, trommelling, crushing, and by the picking line operations, therefore it is important to focus mitigation measures on these operations which are within the permitted area. It is crucial to note that the use of all machinery and plant will only be used when necessary to reduce the noise impact on the surrounding receptors. Further detail on mitigation can be found in Section 6.

2. VIBRATION

BS 6472-1:2008 *Guide to evaluation of human exposure to vibration in buildings*. Vibration sources other than blasting provides the best available information on the application of methods of measuring and evaluating vibration in order to assess the likelihood of adverse comment.

3. POTENTIAL SOURCES OF NOISE

Due to the nature of the site operations, it can be deemed that the most significant sources of noise on site are likely to come from skip loading and unloading, movement of skip vehicles, dropping of waste to their relevant storage, mobile plant movement, use of the trommel, picking line operations and aggregate crushing operations.

As the site is present in an industrialised area, it can be said that the site activities will have a low impact on the surrounding receptors. It is important to note that there are existing and ongoing noise reduction measures on site, including 2m high perimeter fencing surrounding the entirety of the site. Within the area serving the extension of the permit boundary, a 3.5m concrete wall will be constructed to the eastern boundary to mitigate the noise from the crusher. Further information on the potential sources of noise produced on site and the specific mitigation measures in place are shown in Table 3.1 below.

Table 3.1 Noise Sources

Activity	Mitigation
Deliveries of Waste and Tipping	Vehicles accessing site are restricted to 5mph at all points within the site. This speed limit is communicated to staff through induction training and reinforced via toolbox talks. Waste drop heights will be limited to 0.5m and a 360 grab excavator will be used where possible as it can place waste rather than drop. Visiting drivers have site induction training annually which includes the speed limit requirement and the reasons for this. All waste deliveries and tipping only occur within the operating hours permitted.
Loading	A grab excavator will be used where possible as it can place waste rather than drop waste. The waste drop heights will be limited to 0.5m from the surface of the stockpile in the loading vehicle.
Picking line	The picking line is used in the sorting process of the waste. The picking line will only operate when necessary to reduce the levels of noise. The picking line operations will be undertaken within the permitted operating hours.
Trommel	The trommel is used in the sorting of the waste. The trommel will only operate when necessary to reduce the levels of noise. The trommel operations will be undertaken within the permitted operating hours.
Crusher	The crusher is used for the crushing of aggregates only. The crusher will only operate when necessary to reduce the levels of noise. The crusher operations

	will be undertaken within the permitted operating hours. The crusher will operate adjacent to a 3.5m high concrete wall which will dampen some of the noise from crushing activities.
Grab Excavator	The grab excavator is used for the unloading and loading of waste. The drop height of the waste from the grab excavator will be 0.5m or less due to it being able to place waste rather than drop waste. The grab excavator will be operated within the permitted operating hours only.
Wheel Loader	When possible, the 360 grab excavator will be used instead of the wheel loader to load waste onto loose stockpiles, into skips or into the site's vehicles to adhere to the 0.5m drop height. The loading shovel will be operated on the concrete surface and within the permitted operating hours only.
Skip Movements	The entire surface of the site is fully concreted which has removed the risk of potholes. Therefore, the skip vehicles will have a smooth arrival and exit which reduces the risk of noise nuisance from the excessive movement of skip chains and skips on the vehicles.
Site Traffic – plan & vehicles	Site speed limit of 5mph introduced and to be strictly enforced. Progressive repairs to surfaces are undertaken to reduce vibration of plant and noise from metal/metal impacts on vehicles. Visiting drivers are to be inducted and site staff to be informed of the requirements. Staff to be trained via toolbox talks. Site management shall monitor traffic speeds and resulting noise and strictly enforce the speed limit.

4. POTENTIAL RECEPTORS

There are several potential noise sensitive receptors in the general vicinity of the site which are given in Table 4.1 below. Details on the site activities and potential sources of noise are outlined in Section 3 above. Table 4.1 below outlines the closest sensitive receptors within 50m of the site which may be more responsive to noise levels produced on site.

Table 4.1 Sensitive Receptor Ranking

Receptor Sensitivity Distance from Site	Receptor Location
3m	Neighbouring industrial business on James St
12.5m	Neighbouring industrial businesses on Westhoughton Industrial Estate, James St

22m	Neighbouring commercial business on James St
39m	Neighbouring commercial business on James Street
40m	Neighbouring industrial business on James Street Industrial Park

There are additional residential properties further afield to the north, east and south of the site within 0.5-1km. There is also a variety of industrial and commercial businesses surrounding the area. The aforementioned properties are considered at a sufficient distance such that detailed assessment is not required.

4.1 Vibration

It is not anticipated that ground-borne vibration will be an issue.

5. SITE DESIGN

The site layout is designed to ensure freedom of movement and to enable efficient processing and storage of inert and skip waste. The site is entirely surfaced with impermeable concrete.

The site consists of a skip waste and inert waste processing operation, with an open fronted covered storage shed for a picking line (General, Scrap Metal, Wood, General (Light), General (RDF), and Trommel Fines), a variety of 35-50cyd skips, tipping area and waste bays for baled waste. There is also a plant storage and workshop area plus portacabins for offices and other facilities on site. The site has a yard for empty skip storage towards the Long Lane site boundary.

The extension of the permit boundary will be facilitated through the expansion of the yard which will include an impermeable concreted area dedicated to the external processing of inert waste. This area will accommodate a trommel, picking line, and a crusher, along with storage for processed and unprocessed inert materials.

Waste is brought onto site using the company's own vehicles and occasionally approved third party contractor vehicles. Upon arrival, the waste vehicles will drive over the weighbridge located to the northeast of the site prior to delivering the waste to the tipping area at the southern boundary of the covered storage shed. Clean hardcore will be unloaded under the tent (a steel-framed canopy with heavy-gauge PVC tensioned fabric, anchored to 4m high Legio block walls on two sides), which will be crushed into 6F2. The waste will then be immediately sorted and segregated by hand with the

assistance of mobile plant including the picking line. Once sorted, the waste will then be transferred to the appropriate stockpile according to waste stream.

Mixed wastes processed through the picking line at the western boundary of the site are separated into the following waste streams marked as stockpiles 3-11: General, Scrap Metal, Wood, General (Light), General (RDF), and Trommel Fines. Processing within the covered storage shed also including baling. Baled waste will then be stored in 1.5m high bays marked as stockpiles 21-24 see ref: 251902HW101.

6. MITIGATION

6.1 Noise Management Plan

It is crucial to minimise noise levels that have the potential to reach sensitive receptors by reducing the noise at its source, ensuring there is adequate distance between the source and the receiver, and using barriers between the source and the receiver. Due to the nature of the site operations and location, the following general noise and vibration control measures have been implemented and will be monitored to ensure that staff always carry out these measures. Table 6.1.1 below details in the general noise control measures that are undertaken on site, and Table 6.1.2 below details in the specific noise control measures that are in place for each activity that occurs on site.

Table 6.1.1 General noise control measures

Equipment/process	General noise control measures
Mobile and fixed plant	Only use required power and size of equipment
Mobile and fixed plant	Limit the picking line operations to only be used when necessary.
Mobile and fixed plant	Limit the trommel operations to only be used when necessary.
Mobile and fixed plant	Limiting the crusher operation to be only used when necessary.
Mobile and fixed plant	Engine exhausts shall be fitted with silencers
Mobile and fixed plant	Operate equipment in a quiet and efficient manner. Do not drop materials, place wherever possible. Do not drag items across the ground especially when moving skips
Mobile and fixed plant	Plant shall not be left idling unnecessarily
Mobile and fixed plant	All plant shall be inspected and maintained

Mobile and fixed plant	Endeavor to sequence work to provide respite periods
Mobile and fixed plant	Strictly enforce speed limits around site. Explain to staff the impact on noise of high speeds. Train staff on the requirements for strict compliance with this requirement via use of toolbox talks.
Management	Ensure that all plants are fitted with quiet, non-tonal reversing alarms. Any plant not so equipped shall be retro fitted with quiet non-tonal alarms. When plant is replaced choose plant with quiet, non-tonal reversing alarms, such as white noise alarms rather than high pitched beepers.
Management	Construction noise and vibration management is included as part of site management practices and site training including site induction training.
Management	There is a requirement that all staff will be provided with the information from this noise and vibration plan and will sign on receipt of the information.
Management	Routinely inspect surfacing for defects and damage and implement repairs as a matter of urgency to maintain smooth surface clear of large cracks and potholes.
Management	Management will hold regular toolbox talks / briefings on the subject.
Screening	A concrete perimeter walls at 3.5m high to the eastern boundary, will act as an acoustic barrier along the boundaries of the site between the crushing operations and the closest sensitive receptors.
Screening	The covered storage shed provides screening / acoustic barrier to prevent noise from the picking line, baling and trommel operations that are carried out within the covered storage shed leaving the site boundary.

Table 6.1.2 Specific noise control measures

Specific process	Noise control measures according to process
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Deliveries of Waste and Tipping	Vehicles accessing site are restricted to 5mph at all points within the site. This speed limit is communicated to staff through induction training and reinforced via toolbox talks. Waste drop heights will be limited to 0.5m and a 360-grab excavator will be used where possible as it can place waste rather than drop. Visiting drivers have site induction training annually which includes the speed limit requirement and the reasons for this. All waste deliveries and tipping will occur within the concrete perimeter walls and will only occur within the operating hours permitted. Waste is initially delivered to the stockpile within the partially enclosed building, which will act as a screen to the surrounding properties. Deliveries of clean hardcore are delivered and unloaded under the tent (steel framed canopy bay). This tent has a roof and two sides which will also act as a screen to the surrounding properties.
Loading	A 360-grab excavator will be used where possible as it can place waste rather than drop waste. The waste drop heights will be limited to 0.5m from the surface of the stockpile in the loading vehicle.
Trommel	The trommel is used in the sorting process of the waste. The trommel operations will be limited to operate only when necessary to reduce the levels of noise experienced by the nearby receptors as the constant noise from the trommel will no longer occur. The trommel operations will be undertaken within the permitted operating hours stated.
Picking line	The picking line is used in the sorting process of the waste. The picking line operations will be limited to operate only when necessary to reduce the levels of noise experienced by the nearby
Crusher	The crusher is used for the crushing of aggregates only. The crusher will only operate when necessary to reduce the levels of noise. The crusher operations will be undertaken within the permitted operating hours. The crusher will operate adjacent to a 3.5m high concrete wall which will dampen some of the noise from crushing activities.
360 Grab Excavator	The 360 grab excavator is used for the unloading and loading of waste. The drop height of the waste from the 360 grab excavator will be 0.5m or less due to it being able to place waste rather than drop waste. The 360 grab excavator will be operated within the permitted operating hours only.

Wheel Loader	When possible, the 360 grab excavator will be used instead of the wheel loader to load waste onto loose stockpiles, into skips or into the site's vehicles to adhere to the 0.5m drop height. The loading shovel will be operated on the concrete surface and within the permitted operating hours only.
Skip Movements	The entire surface of the site is fully concreted which has removed the risk of potholes. Therefore, the skip vehicles will have a smooth arrival and exit which reduces the risk of noise pollution from the excessive movement of skip chains and skips on the vehicles.
Site Traffic – plant vehicles	Site speed limit of 5mph introduced and to be strictly enforced. Progressive repairs to surfaces are undertaken to reduce vibration of plant and noise from metal/metal impacts on vehicles. Visiting drivers are to be inducted and site staff to be informed of the requirements. Staff to be trained via toolbox talks. Site management shall monitor traffic speeds and resulting noise and strictly enforce the speed limit.

6.2 Partially Enclosed Building

The site benefits from a partially enclosed building to the southern boundary of the site. This will act as a screen for both dust and noise and therefore assist in mitigating the noise produced from the initial tipping and hand sorting of waste prior to the assistance of the picking line. The partially enclosed building will also act as a screen for both dust and noise from baling of wastes which is carried out to the east of the covered storage shed.

6.3 Screening

A 3.5m high concrete wall will be installed to the eastern boundary of the area of the site that serves the extension to the permitted boundary. This will act as a screen to the aggregate crushing operations that will take place in that area.

Deliveries of clean hardcore are delivered and unloaded under the tent (a steel-framed canopy with heavy-gauge PVC tensioned fabric, anchored to 4m high Legio block walls on two sides) (reference Drawing 251902HW101). This tent has a roof and two sides which will also act as a screen to the surrounding properties.

6.4 Purchasing

Future equipment purchasing policy will include consideration of the noise produced by equipment and the methods of work. Where a choice of methods or plant is available, the quieter will be chosen. Generally, manufacturers will include sound level output in the specifications of their equipment which site management will refer to.

Where vehicle-reversing alarms are used, because of their tone, site management will use adjustable or directional audible alarms in regard to future purchasing, or other alternative warning systems. For example, white noise alarms give a full spectrum of noise rather than a single tone, which is claimed to be as good as a single tone alarm at close range and at a distance it blends into the background. Reversing will be kept to a minimum.

6.5 Maintenance

Horrocks Waste Management Limited will ensure that regular and effective maintenance is carried out. This will contribute to greater efficiency in operation and reduce noise on site. Particular attention will be paid to mobile plant e.g. sufficient lubrication, the preventing of vibration from loose parts, engine noise and any acoustic enclosures.

6.6 Site Operations

The height from which material will be dropped will be minimised. Special care will be taken to avoid metal on metal impact. When a grab excavator is used to drop waste loads onto the site surface or a loose stockpile, the drop height will be reduced to 0.5m or less. This 0.5m maximum height is also used for loading skips or trucks. The grab excavator can place waste in locations rather than dropping waste, which reduces possible noise pollution. Waste dropping activities will be monitored by site staff at all times and the 0.5m drop height will apply to every waste stream.

Where possible rubber or other suitable linings will be used to reduce the noise of impact where waste items are deposited (as identified by site management) e.g. into the RoRo skip.

Within the constraints of efficient production, site management will limit the use of particularly noisy plant such as only using the picking line, trommel, baler and crusher only when necessary. Also, site management will limit the number of items in use at any one time and starting plant and equipment one by one and switching off when not in use.

Site management will ensure that site staff avoid unnecessary revving of engines, reducing speed of vehicle movement, maintain roads to minimise vehicle noise; and pointing directional noise away from

sensitive receptors where possible. Vehicle routes and surfaces will be kept smooth free from debris to prevent additional noise i.e. “crunching” and “cracking” as vehicles drive over the debris.

Site management will ensure that staff receive adequate information, instruction and training in regard to keeping levels of noise as low as possible on site with the use of screens, methods and avoiding impact. Site management will also use notices and signs to remind staff and visitors.

Training will include:

- Avoiding unnecessary revving of engines and switching off equipment when not required;
- Keeping internal routes well maintained;
- Avoiding impact noise;
- Minimising drop heights of materials;
- Avoiding reversing (reversing alarms);
- Starting up plant and vehicles sequentially rather than all together.

6.7 Sequencing

The site manager will liaise with the local community to enable noisy operations to take place at times when they would have the least impact on the occupiers.

By implementing the above noise action plan and control methods, noise produced on site can be effectively managed and reduced.

7. MONITORING

7.1 Noise and Vibration

Noise monitoring shall be conducted by the Site Manager on a daily basis. The monitoring will consist of a two-stage process. In the first instance routine monitoring noise for noise will form part of the site inspection regime as described in the Site Management Plan and procedures.

- Site management will regularly patrol the site boundary and listen out for potentially problematic noise emanating from the site to ensure that the noise action plan is effective. Any additional action will be taken, as necessary.
- Site management will regularly monitor the noise action plan below and ensure that staff are employing noise reduction techniques.

Noise monitoring will take place in response to a complaint and on 6 monthly intervals for a period of 2 years. Noise monitoring shall be carried out in accordance with the following plan.

1. Attended measurements by MIOA qualified acoustician in response to the issue and thereafter at further intervals to be determined in response to findings. Measurements will be LAeq 5-minute levels over 1 hour at 1m from the nearest façade for 2 years from the first measurement.
2. Sound level meter at a height of 1.2 to 1.5m at 1m from the façade – Cirrus Integrating Sound Level Meter (CR821B), Class 1 Group BS EN 61672-1:2003 (s/n C18361FE)) with windmuff. The meter will be calibrated before and after the measurements using a Cirrus calibrator type CR:551E (s/n 039816); the instrumentation will have been laboratory calibrated within the preceding 2 years.
3. Monitoring to occur during typical working hours.
4. Monitoring will be attended, and meteorological conditions will be logged.
5. Any 'pauses' for extraneous noise will be noted. Activities and events on site and off site will also be noted.
6. Report will note all information detailed above (electronic copy and hard copy if required)
7. Records of all incidents and monitoring shall be retained on-site and provided to the Waste Planning Authority and other regulatory bodies on request.

8. COMPLAINTS

The following procedure shall be followed for all noise complaints:

1. All noise and vibration complaints should be immediately directed to the Site Manager.
2. As soon as the complaint is received it will be recorded.
3. An initial response will be made and recorded. Depending on the nature of the complaint, the nature of the initial response could be to immediately cease the activity pending investigation. However, in some cases it might not be practicable to provide immediate relief. The complaint will be informed of actions taken. Contact details for the council will be available on site in case consultation with the Environmental Health Department is necessary.
4. Where the initial response does not address the complaint, further investigation, corrective action and follow-up monitoring shall be undertaken as appropriate. The complainant and council will be informed of actions taken.
5. All actions will be recorded, and the complaint will then be closed.

9. DOCUMENTATION

A construction noise and vibration management file will be established. This document will be updated to identify who managed it and the location of the physical file and any copies. The construction noise and vibration management file will contain:

- Site survey summary sheet.
- Survey reports.
- Specialist contact details.
- This Noise & Vibration Management Plan and any revisions.
- Noise and vibration survey results.
- Complaints.

10. CONSTRUCTION NOISE AND VIBRATION INDUCTION

1. There are a number of isolated residential areas in close proximity to the site. To ensure there is no adverse impact, all staff will be responsible for good noise and vibration management.
2. When arriving at work, please drive slowly on site and keep revs to a minimum. Keep stereos off and do not slam doors.
3. No shouting or swearing on site, either walk over and talk to somebody or use a radio/phone.
4. Be careful with tools and equipment. Place them down and do not drop them. Reduce “drop heights” to a minimum.
5. Do not drag materials on the ground. Place them down when you arrive at the work area.
6. Equipment and vehicles should not be left running when not in use.
7. When loading trucks try not to drop material from a height. Load softer material at the bottom.
8. Noise enclosures should always have all doors/hatches closed when the equipment is in use.
9. Locate mobile equipment away from residents.
10. All equipment is to be well maintained.
11. No noisy works shall be conducted outside the permitted hours.
12. If you see anything/anyone making unnecessary noise and vibration, then stop it/them immediately. If the source cannot be stopped then report it to the site manager.
13. It is essential that good relationships are maintained with the local community. Any queries from members of the public should be responded to politely and referred to the site manager. Staff shall assist the public to contact this person. Staff shall not enter into debate or argue with members of the public.

14. No potentially noisy work is to be conducted until all staff involved in the task have read or been provided with the information in this plan and signed the Noise & Vibration Management Plan induction provided in Appendix 1.

11. SUMMARY

Due to the area in which the site is operating, it is deemed that the operations at the site will not have an adverse impact on the surrounding industrial area, simply due to the neighbouring sites conducting operations that also generate noise. Regardless, this Noise & Vibration Management Plan has been produced on behalf of Horrocks Waste Management Limited in order for the site to conform to best practice and assure the Environment Agency that the potential for noise produced from the onsite operations is mitigated and controlled in every possible way. The aim is to be granted an Environmental Permit variation to continue operations in accordance with the Environment Agency guidelines.

The Noise & Vibration Management Plan aims to control any potential sources of noise impacts on the surrounding receptors, including several that are sensitive. All possible mitigation measures have been identified for each individual source of noise on site.

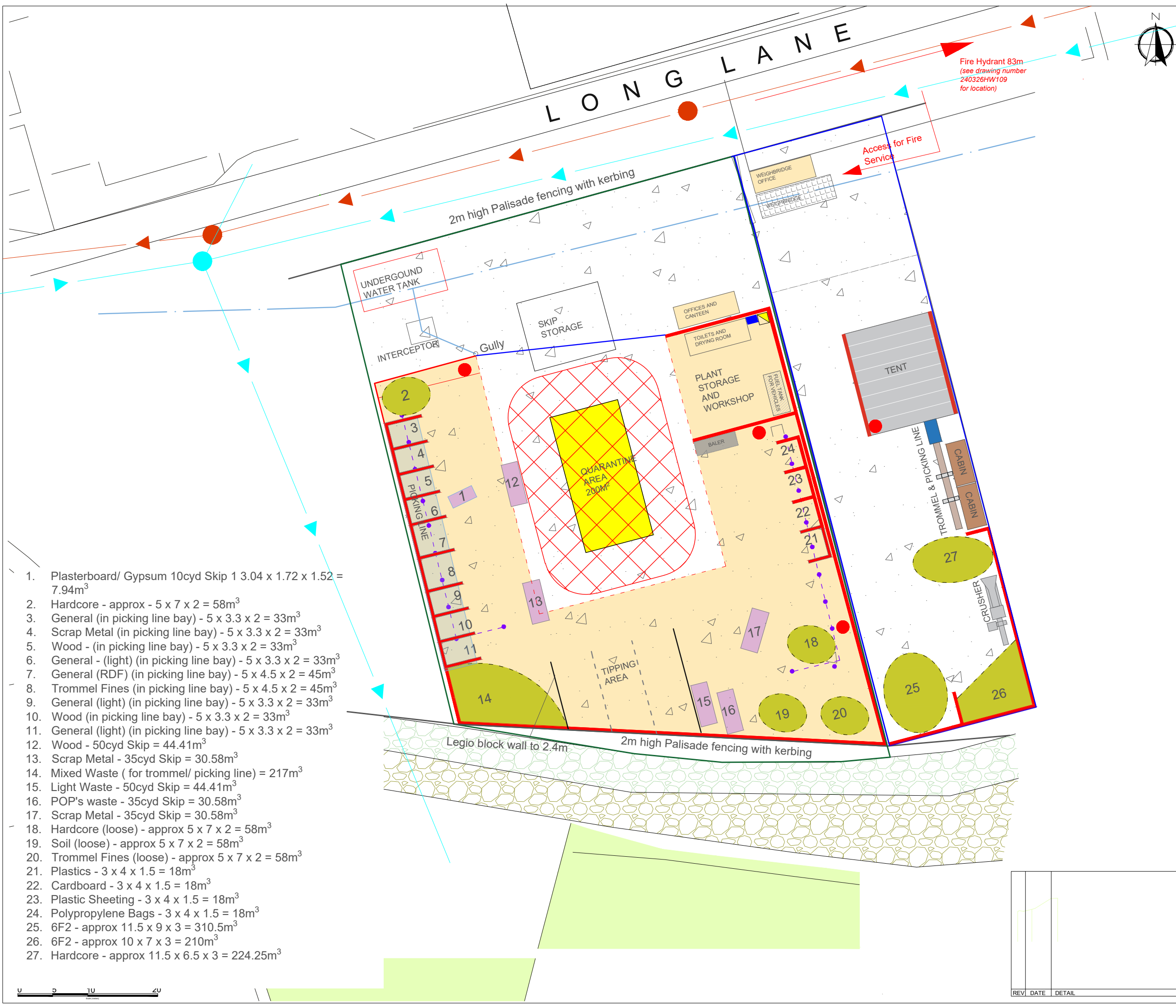
The Noise & Vibration Management Plan will be reviewed annually to ensure it is up to date or following a noise incident caused by the ineffectiveness of the plan.

APPENDIX 1 – NOISE AND VIBRATION INDUCTION FORM

I HAVE READ AND UNDERSTAND FULLY MY RESPONSIBILITIES IN ASSISTING HORROCKS WASTE MANAGEMENT LIMITED WITH IMPLEMENTING THIS NOISE AND VIBRATION PLAN:

Name	Sign	Date

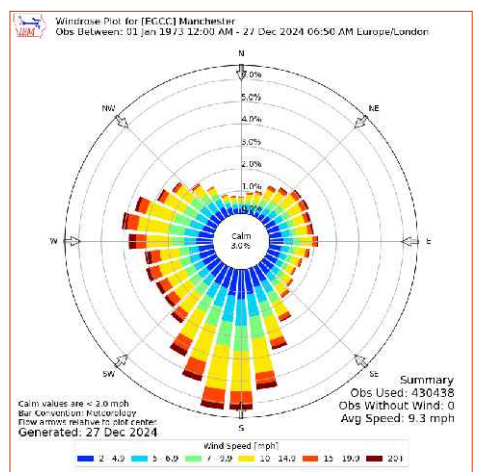
APPENDIX 2 - DRAWING REF: 251902HW101



1. Plasterboard/ Gypsum 10cyd Skip 1 3.04 x 1.72 x 1.52 = 7.94m³
2. Hardcore - approx - 5 x 7 x 2 = 58m³
3. General (in picking line bay) - 5 x 3.3 x 2 = 33m³
4. Scrap Metal (in picking line bay) - 5 x 3.3 x 2 = 33m³
5. Wood - (in picking line bay) - 5 x 3.3 x 2 = 33m³
6. General - (light) (in picking line bay) - 5 x 3.3 x 2 = 33m³
7. General (RDF) (in picking line bay) - 5 x 4.5 x 2 = 45m³
8. Trommel Fines (in picking line bay) - 5 x 4.5 x 2 = 45m³
9. General (light) (in picking line bay) - 5 x 3.3 x 2 = 33m³
10. Wood (in picking line bay) - 5 x 3.3 x 2 = 33m³
11. General (light) (in picking line bay) - 5 x 3.3 x 2 = 33m³
12. Wood - 50cyd Skip = 44.41m³
13. Scrap Metal - 35cyd Skip = 30.58m³
14. Mixed Waste (for trommel/ picking line) = 217m³
15. Light Waste - 50cyd Skip = 44.41m³
16. POP's waste - 35cyd Skip = 30.58m³
17. Scrap Metal - 35cyd Skip = 30.58m³
18. Hardcore (loose) - approx 5 x 7 x 2 = 58m³
19. Soil (loose) - approx 5 x 7 x 2 = 58m³
20. Trommel Fines (loose) - approx 5 x 7 x 2 = 58m³
21. Plastics - 3 x 4 x 1.5 = 18m³
22. Cardboard - 3 x 4 x 1.5 = 18m³
23. Plastic Sheeting - 3 x 4 x 1.5 = 18m³
24. Polypropylene Bags - 3 x 4 x 1.5 = 18m³
25. 6F2 - approx 11.5 x 9 x 3 = 310.5m³
26. 6F2 - approx 10 x 7 x 3 = 210m³
27. Hardcore - approx 11.5 x 6.5 x 3 = 224.25m³



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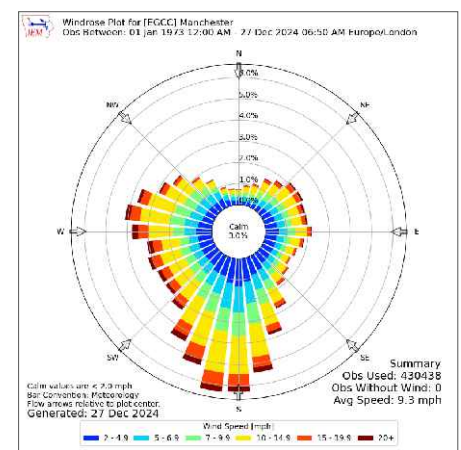


- Existing Permit Boundary
- Extension to Permit Boundary
- Covered Building
- Concrete Surface
- PPE Storage
- Fire Extinguisher
- Sprinkler System
- Watertight Storage
- Watertight Barrier
- Concrete Fire Wall
- Drainage
- Combined Public Sewer
- Surface Water private Sewer

CLIENT			
HORROCKS WASTE			
SITE			
James Street, Westhoughton, Bolton, Lancashire			
PROJECT			
PERMIT APPLICATION			
TITLE			
FIRE PREVENTION PLAN			
SCALE @A3	DATE	DRAWN BY	CHECKED BY
1:500	Apr 2025	T Kearns	D Alcock
DRAWING NO		REVISION	
251902HW101			

REV	DATE	DETAIL

APPENDIX 3 – SITE LOCATION PLAN



- Permit Boundary
- Extension to Permit Boundary
- Combined Public Sewer
- Surface Water private Sewer

CLIENT			
HORROCKS WASTE			
SITE			
James Street, Westhoughton, Bolton, Lancashire			
PROJECT			
PERMIT APPLICATION			
TITLE			
COMBINED SITE LOCATION PLAN			
SCALE @A3	DATE	DRAWN BY	CHECKED BY
1:1250	May 2025	T Kearns	D Alcock
DRAWING NO		REVISION	
240326HW109			

