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**NOISE MANAGEMENT PLAN  
for the  
AGGREGATE RECYCLING FACILITY  
OLYMPIC WAY, BLACKPOOL**

**Report No 102/8**

**October 2024**

**For**



**JNCIVILS**

# DOCUMENT CONTROL

<b>DOCUMENT TITLE</b>	Noise Management Plan
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## 1. INTRODUCTION

- 1.1 This Noise Management Plan (NMP) has been produced on behalf of JN Civils Limited for their aggregate recycling facility at Olympic Way, Blackpool, Lancashire, FY4 4QE. The site is regulated under environmental permit EPR/KP3025SY.
- 1.2 The NMP has been informed from a noise impact assessment (NIA) carried out and reported in PDA report J004664-7570-RC-01 dated 20/12/2023, which is contained in Appendix D. It is considered that this NMP represents best practicable means for minimising noise associated with the operation of the site.

## 2.0 SITE DETAILS

- 2.1 The area of the site is approximately 1.7 hectares and is situated in an industrial area in the south-west of Blackpool. It is bordered by the following land uses:
- North Cadent depot and beyond the Car Wash, Clifton Road and the residential area of Mereside
- East Cadent depot and beyond Blackpool Police Headquarters
- South the A5230 Yeadon Way/ M55 motorway
- West Olympic Way and beyond the wider industrial area
- 2.2 The closest domestic dwellings are to the north of the site in the suburb of Mereside, on Clifton Road, Deepdale Road and Branstree Road. The closest of these is 210 m from the site boundary to the edge of the property.
- 2.3 The site is securely fenced with palisade fencing approximately 2.5 m high. The site entrance is on Olympic Way via an electronic security gate. Site features are described below and shown on the Site Layout Plan, Drawing No 102/01C contained in Appendix A.
- 2.4 A waste processing building will be constructed to house the crushing operation and store products. The building will be located at the northern extent of the site with the doorway facing south, into the site. It will be constructed from a steel frame, concrete panel walls up to 4.5 m and steel panels on the upper walls and roof. Two roller shutter doors will allow access.
- 2.5 The wash plant will be constructed on the southern part of the site. This will include a wash box, screen decks, flocculation tank, cyclone and filter press.

### 3.0 NOISE SOURCES

3.1 The main noise sources associated with the site are:

- Operation of crushing plant inside the building
- Operation of the wash plant externally
- HGV movements of trucks delivering waste material and removing processed materials
- Operation of loading shovels, moving waste around site

### 4.0 NOISE CONTROL MEASURES

4.1 The NIA determined that noise levels from the site will be less than the existing background sound levels at the closest residential receptors. This is well below the onset level of adverse impacts. No specific physical mitigation measures are required to mitigate the noise from the site, however the operator has a responsibility to ensure that nuisances are avoided and that emissions from the site (including noise) are minimised. As such the measures detailed below will be implemented.

4.2 **Maintenance** - it will be ensured that all plant and equipment is regularly maintained to ensure that it does not produce excessive noise. Any maintenance work which itself has potential to produce noise should only be undertaken in the normal operating hours of the site.

4.3 **Vehicle Movements** - use of horns on vehicles will be minimised. Site roads will be well maintained and the site 10 mph speed limit will be enforced. Loud vehicle radios will not be permitted. Reversing / movement alarms will only be used when essential for safety with variable sound level alarms preferred so that alarm sound level tracks background sound.

4.4 **New Plant** - when purchasing new plant and equipment the noise of the new plant will be considered and if necessary a revised assessment of the noise impact of the site will be carried out to ensure that noise levels are not excessive at the nearest noise sensitive properties. Where possible, new plant should be quieter than any plant it replaces and the Operator will try to use new technologies as they become available to minimise the noise emissions from the site. Where necessary local shielding of noisy items of plant using barriers will be considered.

### 5.0 COMPLAINTS

5.1 Neighbouring land owners and nearby noise sensitive premises such as houses and schools are likely to be the most sensitive receptors to noise from the site. Good relationships with neighbouring property owners and businesses are essential to anticipate potential problems and avoid them.

- 5.2 Any complaints and the actions taken to address them will be recorded and the records retained. If a complaint relates to an activity which is currently occurring the complaint will be investigated immediately and if necessary the process will be halted until the noise problem has been mitigated.
- 5.3 Complaints may be investigated initially by visiting complainants property and listening for excessive noise from the site. Additionally wind direction and speed, activities occurring on site and any activities on any neighbouring sites which may be related to the complaint should be recorded. The full complaints procedure is contained in Appendix B.
- 5.4 If initial investigations are unable to resolve a complaint a full investigation by a professional acoustician should be carried out and action taken to mitigate the noise egress to the complainant's property.

## **6.0 MONITORING**

- 6.1 Monitoring by listening and noting perceived noise levels at the site boundaries will be carried out regularly by site managers. The monitoring procedure is contained in Appendix C.
- 6.2 More extensive monitoring measurements and noise impact assessments should be carried out periodically to ensure that noise levels are remaining within acceptable levels. In particular noise monitoring will be carried out:
- When new plant is commissioned or the site layout is changed.
  - Following any complaint of noise from the site which cannot be resolved following initial investigation
  - Following any significant changes at the site.

## **7.0 TRAINING**

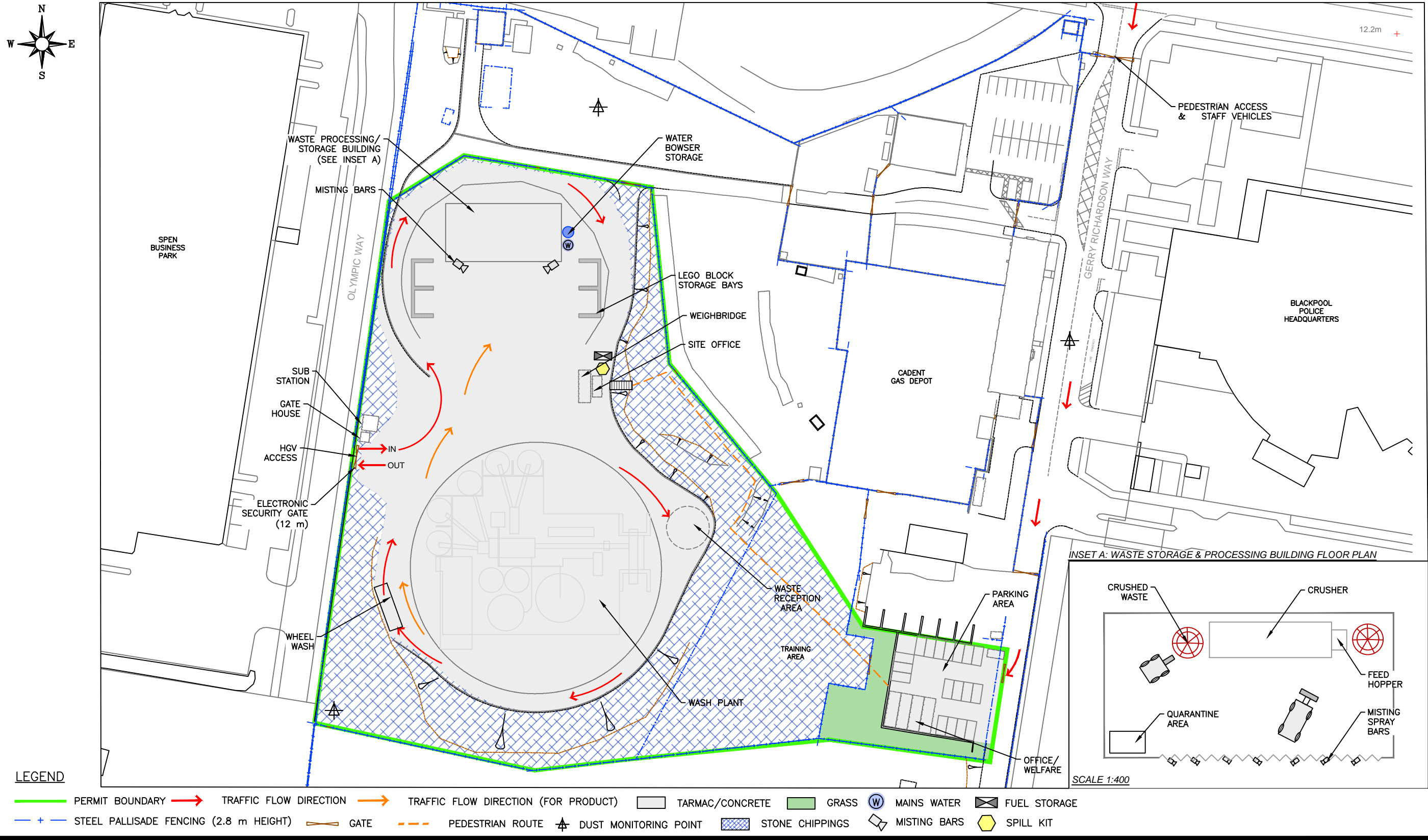
- 7.1 All staff at the site will be made aware of the need to be constantly vigilant regarding the control and management of site noise. Staff will be aware of:
- Their responsibilities with regard to avoiding excessive noise and reducing noise emissions to a minimum.
  - What they should do to report potential noise issues where an abnormal condition occurs which may result in increased noise emissions.

## **8.0 REVIEW**

- 8.1 The NMP will be reviewed annually as part of the annual review of the EMS, following any complaints received relating to noise or following relevant variations to the waste operations.

## **APPENDIX A**

### **Site Layout Plan**



**LEGEND**

- PERMIT BOUNDARY    → TRAFFIC FLOW DIRECTION    → TRAFFIC FLOW DIRECTION (FOR PRODUCT)
- +— STEEL PALLISADE FENCING (2.8 m HEIGHT)    — GATE    - - - PEDESTRIAN ROUTE    ⚠ DUST MONITORING POINT    [diagonal lines] STONE CHIPPINGS    [circle with W] MAINS WATER    [rectangle with X] FUEL STORAGE
- [green] GRASS    [circle with W] MISTS    [hexagon] SPILL KIT

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CLIENT <b>JN CIVILS LIMITED</b>
JOB TITLE. <b>AGGREGATE RECYCLING FACILITY, OLYMPIC WAY, BLACKPOOL</b>
DRAWING TITLE. <b>SITE LAYOUT PLAN</b>

DRAWN BY. <b>M.Y.B</b>
DATE. <b>10/07/23</b>
SCALE @ A3. <b>1:1000</b>

APPROVED BY. <b>C.G</b>
DRAWING No. <b>102/01C</b>



## **APPENDIX B**

### **Complaints Procedure**

## **COMPLAINTS PROCEDURE**

Any complaints and incidents are recorded in the site diary.

All complaints and incidents will be dealt with promptly, efficiently and in a courteous manner in order to maintain good relationships with customers and neighbours.

The site manager (or nominated deputy) will investigate all complaints within 24 hours. Firstly, complaints will be substantiated and confirmed (or otherwise) to be related to site operations. If necessary, rectifying action will be determined and implemented. A response will be reported back to the complainant as soon as possible.

A record of incidents, accidents or non-conformances should be kept in the site diary which includes the following information:

- Date and time of incident
- What happened
- What caused it
- Details of any contamination
- Who was involved
- What action was taken
- Were external agencies involved
- Any changes that have been made to the procedures/ EMS to ensure the incident does not reoccur

### **Management Responsibilities**

The responsibility of handling complaints is with the Site Manager (SM) with support from senior management. Incidents are investigated by the SM whereby rectifying action is determined.

### **Community Liaison**

Liaison with immediate neighbours is undertaken by phone call or by visiting in person.

## **APPENDIX C**

### **Noise Monitoring Procedure**

## **NOISE MONITORING PROCEDURE**

A daily site inspection will be carried out by the site manager which will consist of a walk around the site boundary, pausing and listening at processing areas.

The inspection results will be recorded in the site diary including a record of the following information:

- date and time of inspection
- fixed plant in use at the time of the inspection
- mobile plant in use
- type of noise encountered eg. steady or intermittent, pitch of the noise eg. low/rumbling or high pitched
- whether noise was considered typical or if it was unusual and could cause annoyance
- whether further investigation is required

If increased or unfamiliar noise was encountered this will be actioned to be investigated immediately and the results will be recorded in the site diary including any action taken to reduce noise.

All fixed plant and mobile plant is checked on start up by the operators and defects, including noise generation, are recorded and reported. Rectifying action is recorded in the site diary.

## **APPENDIX D**

### **Noise Impact Assessment**



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