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# **Noise Management Plan**

**JMC METAL AND WASTE RECYCLING LTD**

**East Cramlington Industrial Estate**

**Old Stone Road**

**Cramlington**

**NE23 6XW**

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## **APPENDICES**

Annex A : Noise Reporting and Investigation Forms

## **REFERENCED DRAWINGS**

Site Receptor Plan 004

Site Layout Plan 003

## 1.0 Introduction

This Noise Management Plan (NMP) has been prepared with reference to Environment Agency Guidance<sup>1</sup> supported by the site operational procedures within the Environmental Management Plan.

This Noise Management Plan (NMP) has been prepared in respect to the Bespoke Environmental Permit Application submitted in March 2026. JMC Metal and Waste Recycling Ltd will implement the NMP for the lifetime of the permitted activities. The management techniques will be applied in accordance with JMC Environmental Management System (EMS) for their site.

The document has been written to document the risk of noise emissions on site and the mitigation and management controls in place to reduce any potential impact from site activities.

The Site Manager/TCM has overall responsibility for this procedure. They and senior management will be responsible for ensuring all staff are trained in this procedure.

Management will have responsibility for ensuring that nuisances and hazards arising from the facility due to noise are minimised. Meetings and regular communication between the Site Manager/TCM and site operatives will be instigated to discuss current and planned site operations that have the potential to generate noise emissions. The Site Manager/TCM will relay information to staff by means of a team briefing.

The Site Manager/TCM is responsible for ensuring that the day-to-day operations are carried out in accordance with this procedure.

All staff are responsible for implementing this procedure and have a duty to carry out their roles to prevent noise emissions.

### 1.1 Site Description

The site is situated on land at East Cramlington Industrial Estate, Old Stone Road, Cramlington NE23 6XW.

A summary of the immediate environmental site setting is provided in Table 1 below.

**Table 1 - Site Setting**

| Boundary | Description        |
|----------|--------------------|
| North    | Industrial         |
| South    | Rural/Agricultural |
| East     | Rural/commercial   |
| West     | Rural/Agricultural |

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<sup>1</sup> H3 Horizontal Guidance Noise Management (IPPC H3 part2)

Waste activities on site are deemed as low risk as the site is surrounded by other commercial activities, conducting various commercial and industrial operations.

The site will operate under a robust management system, and an Environmental Agency approved Dust and Emissions Management Plan.

JMC are a well-established family business recycling of Household, Commercial and Industrial wastes including inert, non-hazardous soils and stones.

Wastes are inspected, sorted, treated and segregated into separate fractions then forwarded on for further recovery. Recovery of waste such as soils and stones will be undertaken at low levels, when required (every 3 months).

The site accepts and treats wastes internally and externally, with welfare facilities and site office is also located within the permitted area.

## 1.2 Site Activities

Normal site operational hours are detailed below.

The site operates according to the hours stated below:

- Monday – Friday 6am – 7pm
- Saturday 7am – 4pm.

## 1.3 Site Plans

The general site location and the surrounding area is shown below.

**Figure 1 – Site and Surrounding Features**



*Data and plans taken from Groundsure io – Enviro Insight report*

Drawing 003 demonstrates the site layout.

## 2. General Principles of Noise management

The principles of this NMP are to minimise sound pressure levels from the Site at sensitive receptors through the application, wherever possible, of the following measures (in order of preference):

- Reduction of noise at source;
- Ensuring adequate distance between the noise source and the receptor; and
- The use of barriers between the noise source and the receptor.

### 2.1 Assessment of noise impacts

The Site and its immediate surroundings are designated as a 'industrial outdoors'.

Table 4.1 of the World Health Organisation (WHO) "Guidelines for Community Noise" (1999) (the WHO Guidance) suggests that for 'industrial, commercial shopping and traffic areas, indoors and outdoors' an ambient noise limit of no more than 70 dB (LAeq,24h) is appropriate, with negligible risk of hearing impairment.

The first aim of this NMP is, therefore, to ensure that operations at the Site do not result in an exposure to any noise sensitive receptor, at any point beyond the boundary of the Site, in excess of this limit.

For dwellings/living areas, the WHO Guidance states:

*"During the daytime, few people are seriously annoyed by activities with LAeq levels below 55 dB; or moderately annoyed with LAeq levels below 50 dB. Sound pressure levels during the evening and night should be 5–10 dB lower than during the day."*

Therefore, Table 4.1 suggests an evening/night-time limit of 45 dB (LAeq, 8h) outside bedroom windows in order to prevent sleep disturbance. Given that operations are intended for 24 hours per day, including public holidays, this limit will also need to be achieved during the day.

In line with the above the site aims to manage site activities below the above limits.

## 3. Sources, Releases and Impacts

This section sets out the initial risk assessment then identifies sources of noise from operations, potential release points and receptors.

### 3.1 Sources

Upon review of site activities, it is considered that the below activities carried out on site most likely to give rise to noise are detailed in Table 2 below.

**Table 2 – Site Activities and Noise Sources**

| Activities                         | Possible Impacts               |
|------------------------------------|--------------------------------|
| Vehicle Movements to and from site | Engine noise causing annoyance |

|                                      |                                                             |
|--------------------------------------|-------------------------------------------------------------|
| Waste Tipping                        | Load crashing and banging                                   |
| Waste Processing (treatment)         | Annoyance from plant noise during material treatment        |
| Site Infrastructure (Fixed Plant)    | Intermittent external suppression systems causing annoyance |
| Plant and Equipment Movement on site | Engine noise causing annoyance                              |

### 3.2 Pathways

The pathways by which the noises from the sources identified above may impact upon a receptor are primarily:

1. Air - Movement of noise through air, particularly relevant on a site which will store and process waste outside;
2. Direct exposure - Particularly for staff, they will be exposed immediately to any noises from the waste handling on site.

### 3.3 Site Topography, Wind Direction and Receptors

Weather monitoring is assessed throughout the day and formally recorded daily, as part of the daily site checks.

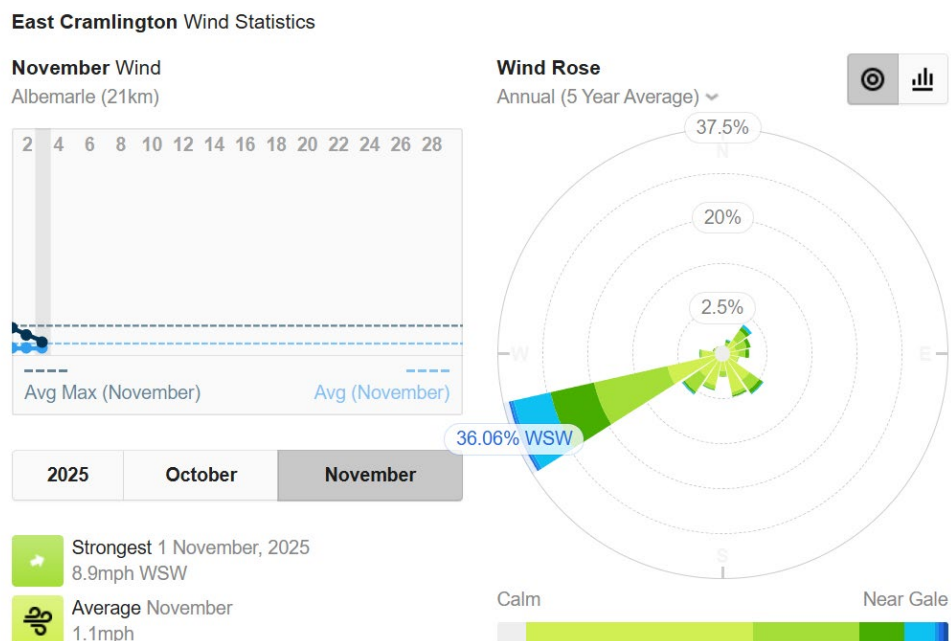
Using the Willy Weather application<sup>2</sup>, meteorological forecast information is available for over 45000 British locations. The available data includes Met Office weather radar, satellite images and synoptic charts. The application also provides current conditions and warnings.

Upon review of historic wind data, the prevailing wind directions are predominately west south westerly in respect of the site. Given the prevailing wind, the receptors that could principally be affected by noise at the site would be the rural areas situated directly to the east north easterly of the site and residential area receptors.

The wind direction is shown in the Willy Weather application in the image below.

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<sup>2</sup> [Weather Forecast - United Kingdom - WillyWeather](#)

**Image 1 – Wind Data - Cramlington**

The nearest residential properties are located on approximately 160m south of the site.

**Table 3 – Local Sensitive Receptors**

| Receptor                                       | Distance from site (m) | Phone Number                                                  |
|------------------------------------------------|------------------------|---------------------------------------------------------------|
| East Cramlington - Local Nature Reserve        | 240m (North)           | Natural England - 0300 060 3900                               |
| Lanercost - Local Nature Reserve               | 996m (West)            | Natural England - 0300 060 3900                               |
| Watercourse                                    | 1m (South)             | Environment Agency - 03708 506 506<br>Emergency - 0800 807060 |
| Equine Facilities                              | 80m (West)             | N/A                                                           |
| Industrial Estate                              | 45m (North)            | N/A                                                           |
| Northumbria Specialist Emergency Care Hospital | 1000m (West)           | 0344 811 8111                                                 |
| Residential Properties                         | 160m (North)           | N/A                                                           |
| Astor Court Care Home                          | 470m (North West)      | 01670 751166                                                  |

|                          |              |                                                                      |
|--------------------------|--------------|----------------------------------------------------------------------|
| Seaton Burn Water Course | 927m (South) | Environment Agency -<br>03708 506 506<br><br>Emergency - 0800 807060 |
|--------------------------|--------------|----------------------------------------------------------------------|

### 3.4 Other Noise Sources

As previously mentioned in the introduction of this plan, the site is in a predominantly rural location, with commercial and industrial businesses bordering the site. Listed below are the other identified potential sources of noise which should be considered should a complaint be received all within 1km of the site.

- Road within 1km of site A192 – Heavy traffic use
- Industrial and commercial businesses located adjacent and surrounding the site (waste management – ECR Ltd, Car repairs – JB Motors/Mel Horn) - Crushing and screening of wastes, heavy traffic use/public use
- Agricultural activities (south and west of the site) and Equestrian activities within 80m of the site – Seasonal noise impact from harvesting, land management – large plant and machinery usage

### 3.5 Impacts

The control measures set out in this NMP are commensurate with the medium noise potential for the wastes, in accordance with the statement to this effect in H3 Guidance.

Noise can only cause an impact when it is perceived at a receptor site. This NMP has identified the key opportunities for the release of noise from site operations.

- Waste treatment processing externally handling and treatment.
- Vehicle Noise – vehicle movements on site – vehicle movements to and from site.

The impacts of any noises released as a result of site activities will be linked to the receptors detailed in Table 3.

The receptors are more likely to be impacted upon by noise in the following conditions:

- Prevailing wind direction is towards receptors; and
- Local weather conditions: Warm still weather will contribute to the perceived noise at receptors
- Cumulative impacts: It is anticipated that cumulative impacts will be minimal. The site is located in an area with other potential sources which may cause additional noise.

## 4. Noise Control Measures

Physical and management measures have been included below to control noise at the site.

The site does not have any fans or pressure systems installed on site.

## 4.1 Physical Control Measures

A comprehensive range of physical control measures will be implemented at the documented in sections below;

- Infrastructure
- Site Operations
- Plant and Equipment
- Monitoring

### Infrastructure

| Source Reference                    | Mitigation/Minimisation Measure                                                                                                                                                                                                                                                                                                                                                                                                                    | Comments / Implementation |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| <b>Site Layout</b>                  | <p>The majority of waste operations (treatment) are carried out within an enclosed building.</p> <p>Storage fixed bays are located along the southern boundary to contain any potential noise from leaving site sited at the furthers point of the site away form receptors.</p> <p>The southern boundary bay walls are made up to 4 concrete walls.</p> <p>Reduces plant and machinery noise from daily operations impacting local receptors.</p> | Operational Fixture       |
| <b>Waste Storage Bays and Walls</b> | <p>Bay construction acts as a buffer from vehicle and machinery noise when handling waste externally, external compartmentalisation using bays to screen off the crusher/screener/plant arising from daily operations impacting local receptors.</p>                                                                                                                                                                                               | Operational Fixture       |
| <b>Noise acoustic walls</b>         | <p>Concrete retaining walls bound the southern perimeter for all external waste storage areas providing a physical solid barrier at a height of</p>                                                                                                                                                                                                                                                                                                | Operational Fixture       |

|                       |                                                                                                                                                                                                                                                     |                     |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
|                       | 4m in total                                                                                                                                                                                                                                         |                     |
| <b>Site surfacing</b> | <p>Concrete surfacing is in place to eliminate potholes and smooth out the running surface. This would eliminate “body slap” of vehicles unloading.</p> <p>Daily checks and maintenance are conducted to ensure the integrity of site surfaces.</p> | Operational Fixture |

## Plant and Equipment

| Source Reference           | Mitigation/Management Measure                                                                                                                                                                                                                                                                                                                                         | Comments on Measure                                                                                                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Plant and Equipment</b> | <p>All machinery checked daily and monitored for noise levels as recommended by the supplier and within the Health and Safety at Work guidelines.</p> <p>Cleaning and maintenance in line with the below procedures;</p> <ul style="list-style-type: none"> <li>• Plant Daily/Weekly Checks</li> <li>• Plant Defects Record</li> <li>• Maintenance Planner</li> </ul> | Best practice to reduce overall noise emissions.                                                                                                                                            |
| <b>Plant and Equipment</b> | Risk assessments with regard to machinery noise levels to be carried out at regular intervals.                                                                                                                                                                                                                                                                        | Best practice to reduce overall noise emissions.                                                                                                                                            |
| <b>Plant and Equipment</b> | All vehicles, plant and equipment are checked and maintained weekly to prevent excessive noise through faults or damage.                                                                                                                                                                                                                                              | <p>Equipment which can give rise to noise such as part parts/guards move/become loose through continued use.</p> <p>Sources of increased noise can be avoided through good maintenance.</p> |
| <b>Plant and Equipment</b> | Parts and spares for moving or rotating parts are kept in stock for site equipment available for quick repairs.                                                                                                                                                                                                                                                       | <p>Equipment which can give rise to noise can tend to wear through continued use.</p> <p>Potential increased noise can be avoided through proactive maintenance and repair.</p>             |

|                            |                                                                                                    |                                                                                                    |
|----------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
|                            |                                                                                                    |                                                                                                    |
| <b>Plant and Equipment</b> | Guards, cladding and hatches in place on site plant, no modifications to site equipment.           | Attenuation is often a design feature in the manufacture of plant and machinery.                   |
| <b>Plant and Equipment</b> | White noise reversing alarms are fitted to site machinery.                                         | Reduces noise nuisance off site and complaints from general site operations and vehicle movements. |
| <b>Plant and Equipment</b> | Buying policy to consider noise emissions of all new plant due for renewal / replacement.          | Best practice to reduce overall noise emissions.                                                   |
| <b>Plant and Equipment</b> | Operating times in line with planning conditions<br><br>No out of hours use of plant or equipment. | Operational Fixture                                                                                |

## Site Operational Controls

| Source Reference                                                                 | Mitigation/Management Measure                                                                                                                                                                                                                                                                                                                           | Comments on Measure                            |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| <b>Daily Waste Activities</b><br><br>Acceptance, sorting, processing and loading | The majority operations are carried out inside a building, with an enclosed picking station.<br><br>External wastes are stored inside specific bays with any external treatment conducted in the centre of the site enclosing noise within areas controlled by acoustic or physical controls during daily operations.<br><br>See site plan Drawing 003. | Monitored and enforced by the Site Manager/TCM |
| <b>Daily Waste Acceptance</b><br><br>Vehicle Movements                           | All incoming waste deliveries are predominantly pre booked to allow the management of incoming loads also reduces traffic noise.<br><br>Reduces excess waste on site and prolonged periods of use                                                                                                                                                       | Monitored and enforced by the Site Manager/TCM |

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
|                               | of site plant and equipment which could cause annoyance off site.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |
| <b>Daily Waste Acceptance</b> | <p>Deliveries are predominately delivered to site in wagons.</p> <p>Minimal use of containers and skips reduces the risk of noise emissions from skips moving around site, being unloaded and dropped on the concrete surface.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Monitored and enforced by the Site Manager/TCM |
| <b>Waste Handling</b>         | <p>Site operatives are trained to handle wastes carefully ensuring they do not drop waste materials from height and drag containers along site surfaces.</p> <p>This is reinforced by the below procedures:</p> <ul style="list-style-type: none"> <li>• Staff Training</li> <li>• Noise Management procedure</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Monitored and enforced by the Site Manager/TCM |
| <b>Waste Processing</b>       | <p>The majority operations are carried out inside a building, with an enclosed picking station.</p> <p>In the event any screening or crushing of soil/stones wastes is undertaken, mobile equipment will be situated along the southern boundary of the site, buffered by the waste transfer station and enclosed with an acoustic permitter wall.</p> <p>In the event waste treatment operations are carried out externally, they will be conducted during the below times only, this is to pay regard to businesses and local residents, including environmental receptors.</p> <p>In the event waste treatment activities such as crushing and screening are conducted, a restriction has been set at approximately no more than 2hours per day , between the hours of 10:00am – 14:00hrs to minimise impact on local receptors and in line with waste throughput and contracts.</p> <p>Onsite activities are monitored by a trained operative/NP is conducted during all waste treatment processes to assess any impacts arising from site activities. The below check sheet is used to record the processing and awareness of any emissions arising from activities such as noise or dust. These checks take into account the suitability of weather conditions, wind direction, preventive action taken, and a record of the times and duration made.</p> | Fixed Operational Plant                        |

|                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                     |           |          |           |          |        |          |      |  |  |  |  |  |  |                                  |  |  |  |  |  |  |               |  |  |  |  |  |  |                            |  |  |  |  |  |  |                               |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |
|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------|----------|-----------|----------|--------|----------|------|--|--|--|--|--|--|----------------------------------|--|--|--|--|--|--|---------------|--|--|--|--|--|--|----------------------------|--|--|--|--|--|--|-------------------------------|--|--|--|--|--|--|--------------------------------|--|--|--|--|--|--|--|
|                                                                                                          | <table><tr><td>Day</td><td>Monday</td><td>Tuesday</td><td>Wednesday</td><td>Thursday</td><td>Friday</td><td>Saturday</td></tr><tr><td>Time</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Wind<br/>(Light/Strong/Direction)</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Rain<br/>(Y/N)</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Need to Stop<br/>Activities</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Need for water<br/>suppression</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>I=installation<br/>S=stockpiles</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> <p>DURING OPERATIONS</p> <p>If at any time it is necessary to undertake temporary actions that are likely to cause elevated levels of noise (such as construction/equipment installation or infrastructure improvements/extended treatment hours due to contract requirements) site management will contact the EA and any other interested parties before such actions are taken to inform them of the operations being undertaken and that the elevated levels of noise will be of a temporary nature. Where practicable, such actions will only proceed when the prevailing wind direction is away from sensitive receptors and during working hours.</p> <p>Site operatives are trained to handle wastes carefully ensuring they do not drop waste materials from height and drag containers along site surfaces.</p> <p>Robust maintenance of all plant will be conducted in line with the site maintenance planner to prevent breakdowns/faults that may result in excessive noise.</p> | Day                                                                                 | Monday    | Tuesday  | Wednesday | Thursday | Friday | Saturday | Time |  |  |  |  |  |  | Wind<br>(Light/Strong/Direction) |  |  |  |  |  |  | Rain<br>(Y/N) |  |  |  |  |  |  | Need to Stop<br>Activities |  |  |  |  |  |  | Need for water<br>suppression |  |  |  |  |  |  | I=installation<br>S=stockpiles |  |  |  |  |  |  |  |
| Day                                                                                                      | Monday                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tuesday                                                                             | Wednesday | Thursday | Friday    | Saturday |        |          |      |  |  |  |  |  |  |                                  |  |  |  |  |  |  |               |  |  |  |  |  |  |                            |  |  |  |  |  |  |                               |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |
| Time                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                     |           |          |           |          |        |          |      |  |  |  |  |  |  |                                  |  |  |  |  |  |  |               |  |  |  |  |  |  |                            |  |  |  |  |  |  |                               |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |
| Wind<br>(Light/Strong/Direction)                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                     |           |          |           |          |        |          |      |  |  |  |  |  |  |                                  |  |  |  |  |  |  |               |  |  |  |  |  |  |                            |  |  |  |  |  |  |                               |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |
| Rain<br>(Y/N)                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                     |           |          |           |          |        |          |      |  |  |  |  |  |  |                                  |  |  |  |  |  |  |               |  |  |  |  |  |  |                            |  |  |  |  |  |  |                               |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |
| Need to Stop<br>Activities                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                     |           |          |           |          |        |          |      |  |  |  |  |  |  |                                  |  |  |  |  |  |  |               |  |  |  |  |  |  |                            |  |  |  |  |  |  |                               |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |
| Need for water<br>suppression                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                     |           |          |           |          |        |          |      |  |  |  |  |  |  |                                  |  |  |  |  |  |  |               |  |  |  |  |  |  |                            |  |  |  |  |  |  |                               |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |
| I=installation<br>S=stockpiles                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                     |           |          |           |          |        |          |      |  |  |  |  |  |  |                                  |  |  |  |  |  |  |               |  |  |  |  |  |  |                            |  |  |  |  |  |  |                               |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |
| Waste Storage                                                                                            | Storage bays provide attenuation properties containing machinery and vehicle noise moving and secure storage of wastes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Operational<br>Fixture                                                              |           |          |           |          |        |          |      |  |  |  |  |  |  |                                  |  |  |  |  |  |  |               |  |  |  |  |  |  |                            |  |  |  |  |  |  |                               |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |
| Operational Hours<br> | Waste operations are carried out during working hours to reduce impact on local receptors and residential properties.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Operational<br>Requirement<br><br>Monitored and enforced by the Site Manager or TCM |           |          |           |          |        |          |      |  |  |  |  |  |  |                                  |  |  |  |  |  |  |               |  |  |  |  |  |  |                            |  |  |  |  |  |  |                               |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |
| Out of Hours Working                                                                                     | No out of hours working carried out.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Monitored and enforced by                                                           |           |          |           |          |        |          |      |  |  |  |  |  |  |                                  |  |  |  |  |  |  |               |  |  |  |  |  |  |                            |  |  |  |  |  |  |                               |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |

|                                                                                                                   |                                                                                                                                                                                                                                 |                                                   |
|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
|                                  |                                                                                                                                                                                                                                 | the Site Manager or TCM                           |
| <b>Vehicle Movements</b><br><br> | Vehicles/Plant switched off when not in use.<br><br>No idling policy in place (SEE SOP:Traffic Management Plan)<br><br>Reduces engine noise and emissions for exhausts<br><br>Site rules given to drivers and staff inductions. | Monitored and enforced by the Site Manager or TCM |
| <b>Vehicle Movements</b><br><br><p style="color: red; font-size: 1.2em;">Speed limits</p>                         | Site speed limit (10mph).<br><br>This would reduce “body slap” and help to reduce the character of the noise.                                                                                                                   | Monitored and enforced by the Site Manager or TCM |
| <b>Alarms/Alerts</b>                                                                                              | No audible site alarms in operation.                                                                                                                                                                                            | Operational Fixture                               |

## Monitoring

| Source Reference                | Mitigation/Management Measure                                                                                                                                                                                                                                                         | Comments                                                                                                                                       |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Daily Weather Monitoring</b> | <p>Best practice to monitor wind direction and possible impact on sensitive receptors dependent on wind direction.</p> <p>Consideration will be given to cease waste treatment/waste movements after assessment of prevailing wind direction which may impact on local receptors.</p> | <p>Daily weather monitoring at least twice a day recorded in the daily check sheets.</p> <p>Monitored and enforced by the Site Manager/TCM</p> |
| <b>Waste Treatment</b>          | Onsite activities are monitored by a trained operative/NP is conducted during all waste treatment processes to assess                                                                                                                                                                 | Operational Procedure                                                                                                                          |

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |           |          |           |          |        |          |      |  |  |  |  |  |  |                                  |  |  |  |  |  |  |               |  |  |  |  |  |  |                            |  |  |  |  |  |  |                               |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------|----------|-----------|----------|--------|----------|------|--|--|--|--|--|--|----------------------------------|--|--|--|--|--|--|---------------|--|--|--|--|--|--|----------------------------|--|--|--|--|--|--|-------------------------------|--|--|--|--|--|--|--------------------------------|--|--|--|--|--|--|--|
| <b>Monitoring</b>                     | <p>any impacts arising from site activities. The below check sheet is used to record the processing and awareness of any emissions arising from activities such as noise or dust. These checks take into account the suitability of weather conditions, wind direction, preventive action taken, and a record of the times and duration made.</p> <table><tr><td>Day</td><td>Monday</td><td>Tuesday</td><td>Wednesday</td><td>Thursday</td><td>Friday</td><td>Saturday</td></tr><tr><td>Time</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Wind<br/>(Light/Strong/Direction)</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Rain<br/>(Y/N)</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Need to Stop<br/>Activities</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Need for water<br/>suppression</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>I=installation<br/>S=stockpiles</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> <p>DURING OPERATIONS</p> | Day                   | Monday    | Tuesday  | Wednesday | Thursday | Friday | Saturday | Time |  |  |  |  |  |  | Wind<br>(Light/Strong/Direction) |  |  |  |  |  |  | Rain<br>(Y/N) |  |  |  |  |  |  | Need to Stop<br>Activities |  |  |  |  |  |  | Need for water<br>suppression |  |  |  |  |  |  | I=installation<br>S=stockpiles |  |  |  |  |  |  |  |
| Day                                   | Monday                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Tuesday               | Wednesday | Thursday | Friday    | Saturday |        |          |      |  |  |  |  |  |  |                                  |  |  |  |  |  |  |               |  |  |  |  |  |  |                            |  |  |  |  |  |  |                               |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |
| Time                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |           |          |           |          |        |          |      |  |  |  |  |  |  |                                  |  |  |  |  |  |  |               |  |  |  |  |  |  |                            |  |  |  |  |  |  |                               |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |
| Wind<br>(Light/Strong/Direction)      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |           |          |           |          |        |          |      |  |  |  |  |  |  |                                  |  |  |  |  |  |  |               |  |  |  |  |  |  |                            |  |  |  |  |  |  |                               |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |
| Rain<br>(Y/N)                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |           |          |           |          |        |          |      |  |  |  |  |  |  |                                  |  |  |  |  |  |  |               |  |  |  |  |  |  |                            |  |  |  |  |  |  |                               |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |
| Need to Stop<br>Activities            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |           |          |           |          |        |          |      |  |  |  |  |  |  |                                  |  |  |  |  |  |  |               |  |  |  |  |  |  |                            |  |  |  |  |  |  |                               |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |
| Need for water<br>suppression         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |           |          |           |          |        |          |      |  |  |  |  |  |  |                                  |  |  |  |  |  |  |               |  |  |  |  |  |  |                            |  |  |  |  |  |  |                               |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |
| I=installation<br>S=stockpiles        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |           |          |           |          |        |          |      |  |  |  |  |  |  |                                  |  |  |  |  |  |  |               |  |  |  |  |  |  |                            |  |  |  |  |  |  |                               |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |
| <b>Complaint Response</b>             | Immediate response to complaints to investigate and substantiate any potential impact from site activities.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Operational Procedure |           |          |           |          |        |          |      |  |  |  |  |  |  |                                  |  |  |  |  |  |  |               |  |  |  |  |  |  |                            |  |  |  |  |  |  |                               |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |
| <b>Monthly noise monitoring</b>       | Once a month the TCM will conduct sound measurements from 4 key locations external to the site perimeter. This is to record and assess onsite noise control and their effectiveness.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Operational Procedure |           |          |           |          |        |          |      |  |  |  |  |  |  |                                  |  |  |  |  |  |  |               |  |  |  |  |  |  |                            |  |  |  |  |  |  |                               |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |
| <b>CCTV and Out of Hours Security</b> | <p>The site is covered by 24hr CCTV.</p> <p>Effective method to identify/investigate the noise source and site activities if a complaint is received.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Operational Fixture   |           |          |           |          |        |          |      |  |  |  |  |  |  |                                  |  |  |  |  |  |  |               |  |  |  |  |  |  |                            |  |  |  |  |  |  |                               |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |

## 4.2 Management Control Measures

A comprehensive range of management control measures are also implemented as per the below;

- Site, Plant and Equipment Maintenance Programme
- Breakdown Procedures
- Management Reviews (EMS,Audits)
- Site Operations - Monthly Meetings

Elevated levels of noise may escape from the site due to the breakdown of site plant and equipment.

Machines not operating to the manufacturer's specification may create unacceptable levels of noise and the failure of control equipment such as damage to acoustic cladding or acoustic barriers may allow unacceptable levels of noise to escape from the site.

If the situation is considered to be an emergency by site management, then the mitigation measures will be immediately implemented with the Site Manager or TCM considering limiting the hours of operation or immediately suspending the site operations creating the unacceptable levels of noise. These measures will be considered on a case-by-case basis.

External monitoring has been conducted by an external consultant as part of the permitting process.

## **Nosie Modelling**

At the request of the EA external noise assessment was conducted.

A Noise Impact Assessment has been provided at the request of the EA. Treatment operations on site are fully enclosed to reduce noise impact from fixed plant and machinery. An NIA and NMP is provided within the application. The conclusion from the NIA states:

The site is located within a mixed industrial/residential suburban area. The area experiences high daytime background (LA90) and residual (LAeq) noise levels consistent with urban industrial areas. Nighttime background levels locally are dominated but the existing residual industrial noises from the industrial estate.

The site buildings are modern industrial units constructed of brick/block, and/or profile steel over a steel frame, consistent with modern industrial buildings suitable for general industrial uses.

The proposed operation of the waste facility is to process and recover a range of commercial and industrial wastes using established waste recovery techniques including electromagnetic separation, mechanical screening and separation, and hand-picking lines. The facility will process a maximum of 75,000 tonnes per annum (approximately 300 tonnes/day), although the actual throughput is likely to be considerably lower. The main tipping activities and the mechanical separation processes take place within an industrial building.

Background and residual sound level measurements at sensitive receptors establish that sound levels are consistent with monitoring carried out in 2021 for the installation of the ECRA aggregate washing and recovery plant, the monitoring establish the acoustic characteristics of the area, are similar to those observed in the previous report but now feature the additional activities of the ECRA wash plant.

The operation of the plant is noted to have no tonal or impulsive components likely to be noticeable at receptor locations.

A noise model was then constructed to evaluate the acoustic impacts and the results of the model applied to BS4142:2014+A1(2019).

Modelling indicates that the site operations will have a low impact with a worst case specific sound level of 34 dB at the closest receptor. This is 20 dB below the typical residual level for the area during the daytime and early morning. The sound from the proposed plant will not add to the current residual noise level and as such does not impact WHO or BS8233 guidelines for external noise levels at sensitive receptors.

The outcome of the BS4142 assessment indicates a low impact for the intended hours of operation Monday – Friday 6am – 7pm, Saturday 7am – 4pm.

The applicant initially submitted the EA noise screening tool which indicated a similar result of low impacts and that noise could be screened out. This impact assessment confirms the original screening.

In context the results indicate that sound from the site would be barely audible at receptor locations and heavily masked by existing industrial activities. Occasional reversing alarms or external waste movements may be barely perceptible but are unlikely to change the perception of the area or be intrusive or cause behavioural change.

The noise generating activities are very similar those already present within the area, the waste and minerals handling at ECRA, and it is unlikely that the application site activities will change stand out or change the character of the area beyond what is already present.

For reference and completeness, the site has prepared a provisional Noise Management Plan for operational control of activities on the site that may be required by the Environmental Permit. A copy of the provisional plan is provided as separate document.

It is considered that there are no acoustic impacts requiring additional controls over and above the noise management plan.

## 5.0 Monitoring & Trigger Levels

To ensure that the noise control measures set out in Section 4 are being effective, the company will ensure that daily noise monitoring is carried out and communication with potential receptors is maintained.

The following monitoring activities are regularly undertaken to ensure continuous improvement:

- Site inspections by the Site Manager/TCM;
- Monthly site audits conducted by the Site Manager/TCM and Senior Management; and
- Site audits and inspections by the Environment Agency.

All site personnel will be responsible for reporting any noise problems immediately to the Site Manager or TCM/Nominated Person (NP) in their absence.

### 5.1 Noise Monitoring

All operational staff will be responsible for reporting any noise problems immediately to Management Team.

On a daily basis the Site Manager or TCM will ensure that regular inspections are made of the site and its perimeter in order to identify any sources of noise and to establish whether any noise is discernible at the perimeter and thus likely to impact upon receptors. These are carried out at least once a day and is recorded in the daily inspection sheet once completed. The windsock located on the site boundary will be utilized to assess wind direction and strength.

In the event that noise is detected at the site boundary by the Site Manager or TCM, additional monitoring will be undertaken immediately at the sensitive receptors in accordance with the noise investigation form (Appendix A).

In the event a complaint is received, an auditory test will take place. The surveyor will undertake the survey at the location of the complaint and at potentially sensitive receptor locations in the vicinity downwind from the site. At each location observations are made concerning the intensity of the noise, its persistence and character (these details will be recorded in the noise investigation form Appendix A).

In addition the use of the noise monitor can be used to digitally record noise in these locations to provide a definitive calculation.

The surveyor may be the Site Manager or TCM or alternatively a staff member from the office or external person who is not used to the noises on the site.

## 5.2 Trigger Levels

If noise is detected at the assessment location is judged to be a moderate or unacceptable noise, as defined in the noise investigation form (Annex A), then the Site Manager or TCM and Management Team will be informed immediately, and corrective actions will be determined and implemented.

Noise monitoring frequency will be in accordance with Table 4.

**Table 4 – Monitoring Triggers**

| Technique                              | Frequency                                                                                                                                                         |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Noise Monitoring /<br>Auditory Testing | Daily at site perimeter<br><br>Noise detection will lead to receptor monitoring - Increase frequency in response to complaints<br><br>Monthly receptor monitoring |
| Complaints System                      | Continuous (24 hours) via telephone reporting system to Environment Agency<br><br>Direct complaints to site in operational hours                                  |

If at any time it is necessary to undertake temporary actions that are likely to cause elevated levels of noise (such as construction/equipment installation or infrastructure improvements) site management will contact the EA and any other interested parties before such actions are taken to inform them of the operations being undertaken and that the elevated levels of noise will be of a temporary nature. Where practicable, such actions will only proceed when the prevailing wind direction is away from sensitive receptors and during working hours.

A permit to work procedure will be completed to assess the impact of contractors work on site and any mitigation/attenuation required during construction works.

## 6. Complaints and Investigation

Elevated levels of noise may be identified either by receipt of a noise complaint from a third party suggesting that there is an excessive noise from the Site or by detection of noise as a result of the routine monitoring by site personnel.

This section details the response to complaints, the subsequent investigation process in place to identify the source of elevated noise levels, and if the source is identified as originating on site to bring noise levels back under control and minimise their impact.

## 6.1 Initial Noise Complaint and Investigation Recording

Upon receiving a complaint initially, a site diary entry will be made, with a noise reporting and investigation form (Annex A) and discrepancy log will be completed by the Site Manager/TCM.

A record of the below will be made.

- Time
- Date
- Nature of complaint/description of noise
- Duration of event
- Weather conditions
- Location – where noise was heard (eg: site perimeter), receptor location
- Contact details of complaint if available
- Further monitoring and locations

Then a review of the below would be made.

- Site activities at the time of the report must be conducted (eg; processing, increased vehicle movements, waste deliveries)
- Findings of external/receptor monitoring;
- Finding of any other external sources of noises (eg; construction/development)
- CCTV system to view site operations;

As part of the Environmental Management System, a customer care and complaints procedure will be implemented. The customer care and complaints procedure apply to all complaints, feedback and requests made by third parties regarding the site's operational activities, environmental, health and safety performance or quality of service/product.

All complaints from third parties including external customers, potential customers, statutory authorities, statutory consultees, members of the general public and internal clients will be forwarded to the Management to action as below and recorded in the site diary.

The Site Manager or TCM will ensure that.

- The complaint is investigated to identify the cause, if necessary, this may involve direct communication with the complainant.
- In the event of elevated levels of noise being detected, the presence of 'abnormal' onsite activity is assessed and if necessary preventative action is taken that will prevent a reoccurrence of the same problem. These actions must be documented.
- The Complainant will be contacted and given information on the investigations conducted and actions taken as appropriate or via the regulatory authority.
- Where a complaint or query is likely to involve a statutory authority, the emergency services, an insurance company, or the media, the appropriate person will be informed.

- Complaints involving a location with Local Authority contracts will be reported in line with specific contract requirements and timescales. Local procedures may need to be in place to ensure these are adhered to.
- All complaints are reported to Senior Management and discussed at site meetings.
- Details of other complaints are sent to the other company personnel as appropriate.

If the investigation indicates that the complaint has not been justified this will be clearly recorded. All complaints will be logged.

## 6.2 Elevated Noise Levels

As specified by the Environmental Permit the company must notify the Environment Agency without delay following the detection of:

**(a) any malfunction, breakdown or failure of equipment or techniques, accident or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution;**

**(b) the breach of a limit specified in these standard rules; or**

**(c) any significant adverse environmental effects.**

Written confirmation of actual or potential pollution incidents and breaches of emission limits shall be submitted within 24 hours.

In the event that any elevated levels of noise identified by the monitoring detailed in Section 4 and the customer care and complaints procedure identified in Section 5 will be mitigated as follows:

The Site Manager or TCM will investigate the source of the noise and carry out a range of checks at the identified source of the elevated levels if it is found to be originating from within the site.

Any noise monitoring required will be completed in accordance with the relevant British Standards, including Method for rating industrial noise affecting mixed residential and industrial areas (BS4142). Monitoring locations will be agreed with the EA and/or the local Planning Authority prior to undertaking monitoring.

The results of any noise monitoring will determine whether the site is causing an unacceptable impact at the receptor in question.

Management will then ensure that any plant is being operated to the manufacturer's specification, to the requirements set out in Sections 3.2 and 3.3 of this management plan and ensure that any improvements required to minimise the noise levels are made.

To further mitigate the elevated noise levels, the following actions shall also be considered.

- The replacement of equipment identified as generating excess noise
- A review of site infrastructure and current noise abatement measures
- Review operational procedures and the implementation of these procedures

- Identify any further suitable and proportionate abatement measures

Once the improvements identified by the management team have been completed, the company will commission a further set of monitoring to ensure that the improvements have met the required standard.

If the noise levels are still not being met, then the manager will repeat the request for improvements and subsequent monitoring until the limits are met.

If operational failings are identified, the retraining of employees will place to ensure that all employees operate to the required standards. If the failings are identified as part of the operating techniques, then the problem will be raised as part of the review of control measures detailed in Section 8.

Management will ensure a close liaison with the EA throughout all stages of the process following an identified elevated noise level.

## 6.3 Reporting Measures

In the event of elevated levels of noise being identified, the event will be reported to senior management to complete the discrepancy log. The completed form is then distributed throughout the company for review at the next management meeting.

All performance failures will be categorised as follows;

- Minor event: quick fix possible, locally resolved;
- Medium event: brief disruption to service, Management intervention required;
- Major event: significant disruption to service significant disruption to service.

Each non-conformance category has a given deadline for rectification.

Management will record any actions taken to rectify the issue in the discrepancy log, ensure that any necessary actions or review are recorded and ensure that the person reporting the incident is notified if possible.

Management will investigate the failure event within 24 hours and, if necessary, will report the event to the EA. Once the issue has been resolved, the corrective action taken will be recorded and the issue will be closed.

After the complaint has been resolved, there will be a review to identify whether the site procedures and NMP were effective in dealing with the issue.

Where there are any improvements to be made, these will be identified to the Environment Agency and the procedures and NMP will be updated accordingly.

## 7. Training

The Standard Operating Procedures for the site include considerations of emissions to the environment in all site activities, and site employees are made aware of their responsibilities under the Environmental Permit and the consequences for compliance of any incidents or abnormal releases.

Therefore, employees at the facility are required to be suitably trained in accordance with procedures on site and all training is logged and recorded in the records for each site employee.

The person(s) responsible for noise management on the site is the Site Manager and TCM or a designated responsible person is assigned to the role in their absence. They have responsibility for ensuring that all practicable methods are employed to ensure that fugitive emissions from the facility are minimised. The Site Manager or TCM will ensure that daily operational checks are carried out on a daily basis.

Noise management training is provided for all operational employees via formal training sessions which are provided by internal trainers and external training companies as and when required. Specific training for designated roles, is part of the training programme for relevant employees.

Relevant employees will be trained on the reporting, trigger, investigation and complaints procedures and the monitoring point locations, to ensure that noise monitoring is scored on a consistent basis and trigger levels are understood.

The site management are committed to ensure that all relevant employees will be trained on the requirements of the NMP and follow-up refresher toolbox talks will be held periodically, no later than annually. The individual training plans for employees on site must record all training on the aspects of the NMP if applicable.

A copy of the NMP will be held in hard copy on site and on the company electronic server.

## 8. Management Responsibilities and Review

The control of noise will be managed according to the site Management System and this Noise Management Plan.

It will be the responsibility of the Management team to ensure that the EMS is adhered to at the site. This includes ensuring the noise control measures detailed in Section 4 are adhered to.

The Management team will be supported by an external consultant. They will be responsible for monitoring, auditing and evaluation of site performance on a consultancy basis if required.

### 8.1 Review of noise control measures

Noise control measures will be reviewed through internal audits and meetings as part of the monitoring and continual improvement process.

With reference to noise, this will include but not limited to the following;

- Compliant review and Investigations
- Reviews on quarterly noise monitoring reports
- Monthly inspections are carried out and recorded on the site environmental monthly audit.
- Spot checks on the higher risk sources of noise to check monitoring and maintenance procedures are being carried out in accordance with the EMS.
- Checks to ensure that any issues entered into the discrepancy log have been resolved correctly

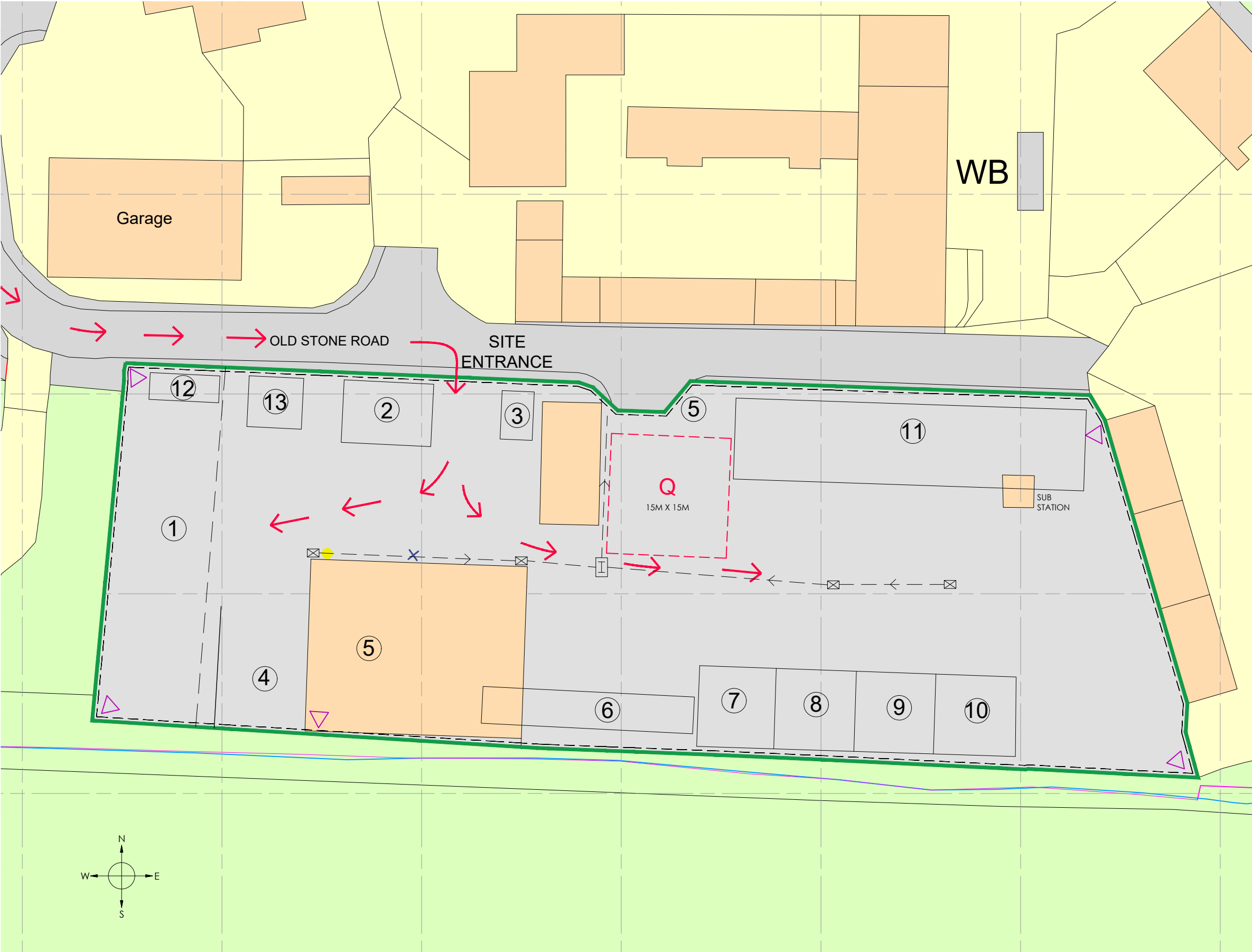
Yearly reviews of the EMS system are also carried out in order to maintain operational standards, with updates made to operating procedures should site operation's change, operational hours change or if new plant or equipment is introduced.

## 9. Closure

This report has been prepared with all reasonable skill, care and diligence, and taking account of the manpower and resources devoted to it by agreement with the client. Information reported herein is based on the interpretation of data collected and has been accepted in good faith as being accurate and valid.

This report is for the exclusive use of JMC; no warranties or guarantees are expressed or should be inferred by any third parties.

## Appendices



NOTES

DRAWING IS A SITE SCHEMATIC

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LEGEND

**PERMIT BOUNDARY**

- ① VEHICLE STORAGE
- ② WEIGHBRIDGE
- ③ OFFICE
- ④ METAL BAY
- ⑤ TIPPING SHED
- ⑥ PICKING LINE
- ⑦ RUBBLE BAY
- ⑧ SOIL BAY
- ⑨ PVC BAY
- ⑩ WOOD BAY
- ⑪ SKIP STORAGE (EMPTY)
- ⑫ FUEL STORAGE
- ⑬ LIQUID STORAGE

--- KERBING

● SPILL KITS

✕ WATER SUPPLY

△ CCTV

← ACCESS TO SITE

Q QUARANTINE AREA (15M X 15M)

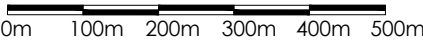
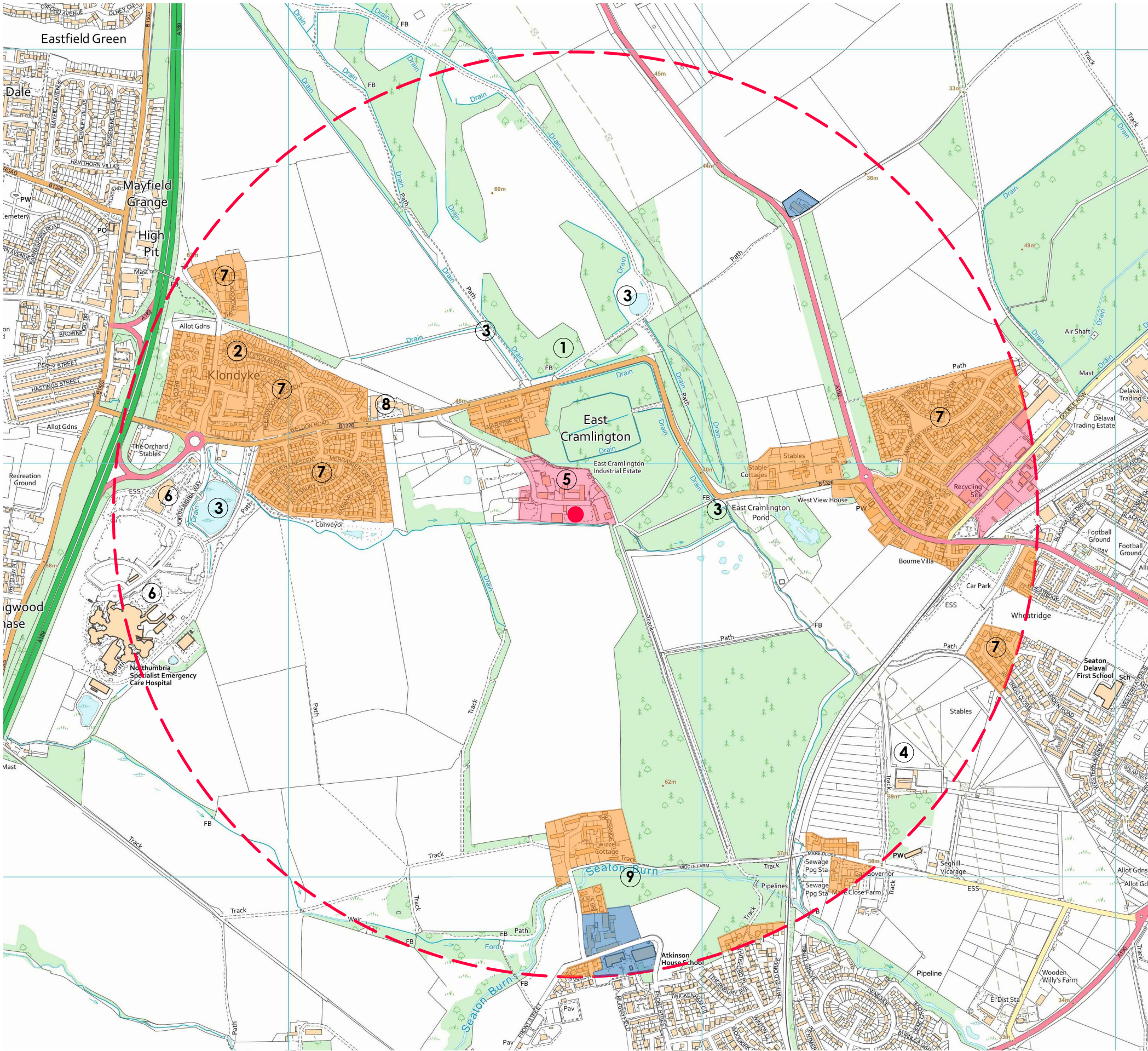
■ CONCRETE SURFACES ON SITE

I INTERCEPTOR

⊠ DRAINS

|                                                                                                |                          |
|------------------------------------------------------------------------------------------------|--------------------------|
| SITE<br>JMC METAL AND WASTE RECYCLING<br>OLD STONE ROAD, CRAMLINGTON, NORTHUMBERLAND, NE23 6XW |                          |
| PROJECT<br>EA PERMIT APPLICATION                                                               |                          |
| DRAWING TITLE<br>SITE LAYOUT PLAN                                                              |                          |
| DRAWING NUMBER<br>003                                                                          | REVISION<br>2 - 11.11.25 |
| SCALE<br>1:500 @ A3                                                                            | DATE<br>20.10.25         |





NOTES

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LEGEND

SITE / SITE BOUNDARY

1KM OFF SET BOUNDARY

RESIDENTIAL AREAS

INDUSTRIAL / INDUSTRIAL PARK

SMALL BUSINESS / GENERAL BUSINESS

1.

EAST CRAMLINGTON - LOCAL NATURE RESERVE

240M (NORTH)

2.

LANERCOST - LOCAL NATURE RESERVE

996M (WEST)

3.

WATERCOURSE

1M (SOUTH)

4.

EQUINE FACILITIES

80M (WEST)

5.

INDUSTRIAL ESTATE

45M (NORTH)

6.

NORTHUMBRIA SPECIALIST EMERGENCY CARE HOSPITAL

1000M (WEST)

7.

RESIDENTIAL PROPERTIES

160M (NORTH)

8.

ASTOR COURT CARE HOME

470M (N - WEST)

9.

SEATON BURN WATER COURSE

927M (SOUTH)

East Cramlington Wind Statistics

November Wind

Albemarle (21km)

2

4

6

8

10

12

14

16

18

20

22

24

26

28

Avg Max (November)

Avg (November)

2025

October

November

Strongest 1 November, 2025

8.9mph WSW

Average November

1.1mph

Wind Rose

Annual (5 Year Average)

37.5%

20%

2.5%

36.06% WSW

Calm

Near Gales

N

W

E

S

SITE

JMC METAL AND WASTE RECYCLING

OLD STONE ROAD, CRAMLINGTON, NORTHUMBRLAND, NE23 6XW

PROJECT

EA Permit Application

DRAWING TITLE

SITE RECEPTOR PLAN

DRAWING NUMBER

004

REVISION

0

SCALE

1:10000 @ A3

DATE

03.11.25

OLIVE

Compliance

## Noise Reporting and Investigation Forms (complaints and survey)

| Noise complaint report form                                                                                                                          |  | Date:  | Ref. No. |
|------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------|----------|
| Name and address of complainant<br>Or<br>Regulator notification<br>(Nirs ref)                                                                        |  |        |          |
| Tel no. of complainant                                                                                                                               |  |        |          |
| Time and date of complaint                                                                                                                           |  |        |          |
| Date, time and duration of offending noise                                                                                                           |  |        |          |
| Weather conditions<br>(e.g., dry, rain, fog, snow)                                                                                                   |  |        |          |
| Wind strength and direction<br>(e.g., light, steady, strong, gusting)                                                                                |  |        |          |
| Complainant's description of noise<br>(e.g., hiss, hum, rumble, continuous, intermittent)                                                            |  |        |          |
| Has complainant any other comments about the offending noise?                                                                                        |  |        |          |
| Any other previous known complaints relating to installation (all aspects, not just noise)                                                           |  |        |          |
| Any other relevant information or evidence gathered:<br><br>CCTV<br>Siteshield information<br>Site activities                                        |  |        |          |
| Potential noise sources that could give rise to the complaint                                                                                        |  |        |          |
| Operating conditions at the time offending noise occurred<br>(e.g., flow rate, vehicles, waste acceptance, pressure at inlet and pressure at outlet) |  |        |          |
| EA/Local Authority Visit/Inspection?                                                                                                                 |  |        |          |
| Action taken:                                                                                                                                        |  |        |          |
| Final outcome:                                                                                                                                       |  |        |          |
| Form completed by                                                                                                                                    |  | Signed |          |

## **Monitoring and Investigation Receptors**

| Location<br>(See below<br>plan) | Noise Intensity<br><i>See Reference Table A</i> | Noise Extent<br><i>See Reference Table B</i> | Description of noise<br><i>e.g. intermittent, ongoing?</i> |
|---------------------------------|-------------------------------------------------|----------------------------------------------|------------------------------------------------------------|
| Location1<br>North              |                                                 |                                              |                                                            |
| Location 2<br>South             |                                                 |                                              |                                                            |
| Location 3<br>East              |                                                 |                                              |                                                            |
| Location 4<br>West              |                                                 |                                              |                                                            |

**Reference Table A: Noise Intensity**

| Noise Intensity | Description                                                                |
|-----------------|----------------------------------------------------------------------------|
| 1               | No detectable noise                                                        |
| 2               | Faint noise (barely detectable, need to stand still and look into wind)    |
| 3               | Moderate noise (noise easily detectable while walking, possibly offensive) |
| 4               | Loud noise (bearable, but offensive noise)                                 |
| 5               | Very loud noise (this is when you really wish you were somewhere else)     |

**Reference Table B: Noise Extent**

| Noise Extent | Description                                                                            |
|--------------|----------------------------------------------------------------------------------------|
| 1            | Local and not persistent (only detected during brief periods when wind drops or blows) |
| 2            | Not persistent as above, but detected away from site boundary                          |
| 3            | Persistent but fairly localised                                                        |
| 4            | Persistent and pervasive up to 50m from site boundary                                  |
| 5            | Persistent and widespread (noise detected >50m from site boundary)                     |