

LAND OFF COLLETT WAY, SOUTHALL

Material Recovery Facility

Noise Management Plan

Job No 233305

November 2024



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Document Control

Report for:

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**Proposed Material
Recovery Facility
Collett Way
Southall
UB2 4SE**

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Issue Date	Issue
November 2024	Final

Document Reference
233305/NMP/001

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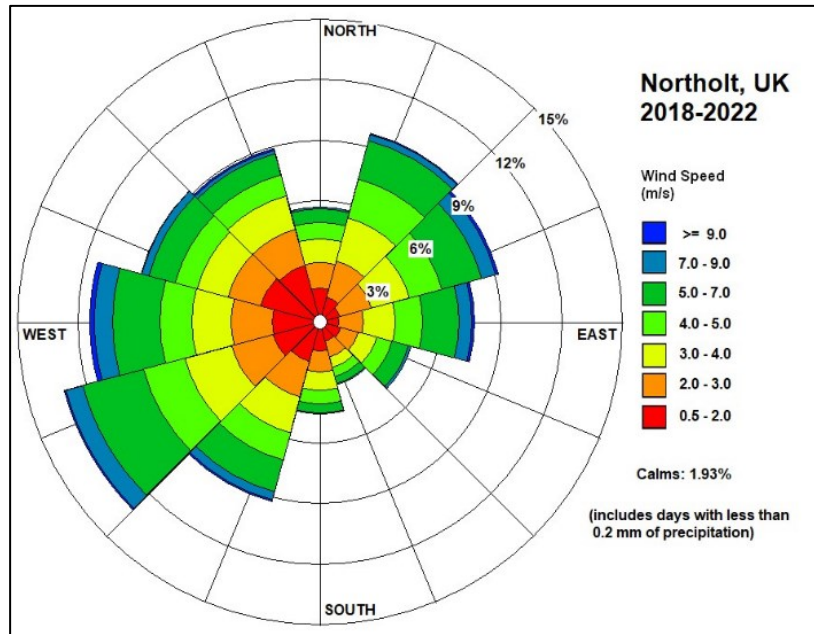
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1.0 INTRODUCTION

- 1.1 This Noise Management Plan (NMP) has been produced to accompany the permit variation application by Wards of London Properties Limited (the Operator), for the Material Recovery Facility at Land off Collett Way, Southall, UB2 4SE. The site location is shown in drawing 233305/D/001. The Site Manager is responsible for the implementation of this management plan.
- 1.2 The operations involve treatment, processing and storage of mixed inert and non-hazardous waste streams for onward recovery, in addition to the storage of asbestos. Treatment includes manual sorting, separation, screening, baling, shredding, crushing or compaction of non-hazardous waste into different components for disposal or recovery. The external area comprises an office, weighbridge, storage, and railway sidings. The entirety of the operational area is underlain by impermeable concrete hardstanding. The storage areas and non-operational areas are underlain by unbound hardstanding.
- 1.3 The Operator has provided a noise management plan to outline management and control measures for the activities on site. A BS4142 noise impact assessment was completed to support the planning and permit application. The assessment indicated that the operation of the Material Recovery Facility would result in low impact and that the sound from the onsite operations will not result in adverse noise impact at the nearest noise receptors.
- 1.4 The annual throughput is proposed to be a total of 150,000 tonnes per annum. The site layout for the operations is presented in drawings 233305/D/004A and 233305/D/004B.
- 1.5 The site is situated within a railway depot, which is currently occupied by Network Rail and their tenants. Network Rail manage their operations within a fenced area north east of the site boundary, beyond which lies the Great Western Railway line and Elizabeth Line. Adjacent to this is a warehouse which is used for storage. Other buildings associated with rail activities lie to the west. DPD operate a distribution facility to the south of the site. The nearest residential receptors are located circa 88 m north of the site, beyond the railway line. The sensitive receptors are shown in drawing 233305/D/002.
- 1.6 Management and control measures will be in accordance with the EA's online guidance 'Noise and vibration management: environmental permits' (January 2022).
- 1.7 This report establishes the sensitive receptors surrounding the site, identifies any potential risks associated with the proposed activities and outlines required controls.

2.0 SENSITIVE RECEPTORS

- 2.1 The site and surrounding receptors are shown on drawing 233305/D/002. The nearest sensitive receptors to noise are the residential receptors in to the north of the railway line. The majority of the surrounding receptors comprise commercial and industrial uses, including Great Western Industrial Park and the railway line immediately adjacent to the site.
- 2.2 The frequency of exposure and likelihood of any fugitive emissions on sensitive land uses is determined by the magnitude of release, proximity of receptors and prevailing meteorological conditions. The nearest available contemporary dataset for the site is the wind rose below, taken for the last 5 years at Northolt, approximately 7 km north of the site. The prevailing wind direction is from the west and south west.



2.3 The BS4142 assessment indicates that the sound from the on-site operations will not result in adverse noise impact at the nearest noise sensitive receptors. Although considered low risk with the context, this Noise Management Plan has been completed to ensure appropriate systems are in place.

2.4 It is noted that the planning permission (240602FUL) for the site is subject to two conditions relating to evening and night time noise levels (21:00 to 07:00 hours). Condition 16 states:

Prior to waste operations occurring between 21:00 to 07:00 hours two unattended noise meters shall be installed at locations B1 and B3, as presented in Figure A1, 7th Wave 'August 2024: Addendum to Acoustic Report' reference 1199.001Add.2.0.JP. Evening and nighttime noise level thresholds for each monitor shall be set in line with the Acoustic Assessments, as per 'Specific Sound Level at Boundary' thresholds in the Addendum Acoustic Report. In addition, at night time 23:00 to 07:00, operational noise shall not exceed 45dB L_{Amax} within any dwelling. The unattended noise monitors must be operational during any works between 21:00 and 07:00 hrs. These derived thresholds should be agreed with Ealing Borough Council prior to these works commencing and be complied with during operations. In the unforeseen event that the noise levels exceed these thresholds, the operator shall assess the activities causing the exceedance and agree with the Ealing pollution team mitigation prior to further activities.

2.5 Condition 41 states:

The facility will operate on a 24 hour and 7 day a week basis, however only the following works are permitted to be carried out between 21:00 and 07:00 hrs unless approval has first been obtained from the Local Planning Authority for alternative works:

- Packaging waste within the waste treatment building when the doors are closed;
- Arrival and dispatch of trains; and
- Loading of railway wagons and materials by rail.

2.6 In line with the above conditions of the planning permission, the Operator will ensure that noise meters are installed at agreed locations, and thresholds will be set and agreed with Ealing Borough Council. No external out of hour works will be undertaken until the discharge of this condition has been agreed with Ealing Borough Council.

2.7 Table 1 sets out the potential sensitive receptors, by either land use or proximity to the operation.

Table 1. Sensitive Receptors			
Recept or ID	Description	Sensitivity	Distance from boundary of operational site
Commercial / Industrial			
N/A	Network Rail Depot	Medium	0 m north, south and west
	DPD Depot		10 m south
	Enterprise Industrial Estate		10 m east
	Barratt Industrial Estate		76 m north west
	Great Western Industrial Estate		0 m north east
Residential			
N/A	Park Avenue Residents	High	100 m north
	Feldspar Grove Residents		310 m south
	Land with Planning Permission for Residential Development		131 m north / north west 250 m south west
	Windmill Lane Residents		740 m east
Transport			
N/A	Railway Lines	Medium	0 m north 50m north 110 m south
	Collett Way (Public Highway)		110 m east
	Glade Lane (Public Highway)		165 m south
Recreation			
N/A	Glade Lane Canalside Park	Medium	175 m south east
	Southall Park		200 m north
	West Middlesex Golf Club		501 m north east
	Jubilee Meadow		851 m south east
Surface Waters			
N/A	Tributary of Grand Union Canal	Low	218 m south
	Grand Union Canal		650 m south
	Drain leading to Angling Lake		742 m north east
	Angling Lake		1000 m north east
Environment / Ecology			
N/A	Priority Habitat (Deciduous Woodland)	Medim	175 m south east
	Priority Habitat (Traditional Orchard)		220 m north
	Priority Habitat (Deciduous Woodland)		336 m north
	Priority Habitat (Deciduous Woodland)		647 m north east
	Priority Habitat (Deciduous Woodland)		788 m south
	Woodpasture and Parkland BAP Priority Habitat		788 m south
	Warren Farm Nature Reserve		865 m south east
	Priority Habitat (Traditional Orchard)		950 m south
Scheduled Monuments			
N/A	Listed Building – Red Lion Public House	Medium - Low	427 m north west
	Listed Building – water pump (on the south side of West Middlesex golf course, nearly opposite Lyndhurst Avenue).		504 m north east
	Listed Building - walls, gates, sluices and bridge at lock (90)		578 m south east
	Listed Building – Grove House		702 m north west
	Scheduled Monument – Windmill Bridge		773 m south east
	Listed Building - The Water Tower		840 m west
	Listed Building - Southall War Memorial & Southall Manor House		931 m south west
	Scheduled Monument - Hanwell flight of locks and brick boundary wall of St Bernard's Hospital		941 m east
Other			
N/A	TwinkleTotz Day Nursery	Medium to High	286 m north east
	Spring Buds Day Nursery		449 m north west
	Bethany Church		350 m north west
	Guru Granth Gurdwara		400 m north west
	Cemetery		413 m south west 845 m south west
	Villiers High School		500 m north west
	Waterside Pre-School		600 m south

Table 1. Sensitive Receptors			
Recept or ID	Description	Sensitivity	Distance from boundary of operational site
	Hamburgh Primary School		630 m north west
	Havelock Primary School		650 m south west
	Dairy Meadow Primary School		
	National Autistic Society – Sibyl Elgar School		
	Three Bridges Primary School		695 m south
Notes:			
1. Sensitive receptors conservatively derived following a desktop review using Google maps, and anecdotal information.			

2.8 Table 2 sets out nearby possible noise emitters.

Table 2. Potential Noise Emitters		
Land Use Type	Comments	Approximate distance from site boundary to centre of receptor
Great Western Industrial Estate	Haulage from the Industrial Estate traffic could cause some limited noise emissions particularly during peak traffic times.	< 10m north east
Critical infrastructure – railway line	Multiple industrial internal and external activities could cause high noise emissions. Especially during night time hours.	< 10 m west

3.0 MANAGEMENT AND MITIGATION

3.1 The noise levels generated by the site operations are assessed to have low impact to nearby sensitive receptors when considered with context. All the waste transfer operations are undertaken within the building. External operations include haulage and loading and unloading of railway wagons.

3.2 The operations involve the treatment, processing and storage of mixed inert and non-hazardous waste streams for onward recovery, in addition to the storage of asbestos. Treatment includes manual sorting, separation, screening, baling, shredding, crushing or compaction of non-hazardous waste into different components for disposal or recovery. All treatment operations will take place within a fully enclosed building. The building will consist of insulated cladding with concrete walls to 4 m from floor level. The gantry crane is also situated on the south of the building therefore well screened from the nearest residential receptors.

3.3 The site is accessed from the south east of the site off Collett Way. The proposed site layout and access is shown in drawing 233305/D/004A.

3.4 The site will operate between the hours set out below:

Days	Hours
Monday to Friday	07:00 to 21:00 Internal only 21:00-07:00
Saturday	07:00 to 21:00 Internal only 21:00-07:00
Sunday and Public Holidays	07:00 to 21:00 Internal only 21:00-07:00

3.5 Site design and management controls include:

- Waste treatment operations will be fully within a building providing best available noise reduction to the northern receptors;
- The gantry crane is located south of the main building and is therefore well screened from the nearest residential receptors;

- The building will be constructed with insulated cladding and concrete walls up to 4 m from floor level;
- Railway wagons will be loaded / unloaded to the south of the main processing building, which will mitigate noise impacts on the receptors to the north;
- No external loading after 21:00;
- Railway wagons will only enter the site during pre-agreed slots;
- The site will adhere to the working hours as set out in the planning permission;
- Only plant conforming with relevant national or international standards, directives or recommendations on noise emissions will be used. Electric plant will be used, where practicable;
- Equipment will be fitted with effective silencers in accordance with manufacturers' recommendations and maintained in accordance with the manufacturers' specifications. The operator will ensure regular and effective maintenance;
- Induction briefings will be given to all employees regarding the need to keep noise to a minimum and the health hazards associated with exposure to excessive noise. This will include internal training on the proper use and maintenance of plant and equipment, positioning of machinery to reduce noise emissions to surrounding receptors and site personnel, avoidance of unnecessary noise and the protection of persons against noise.

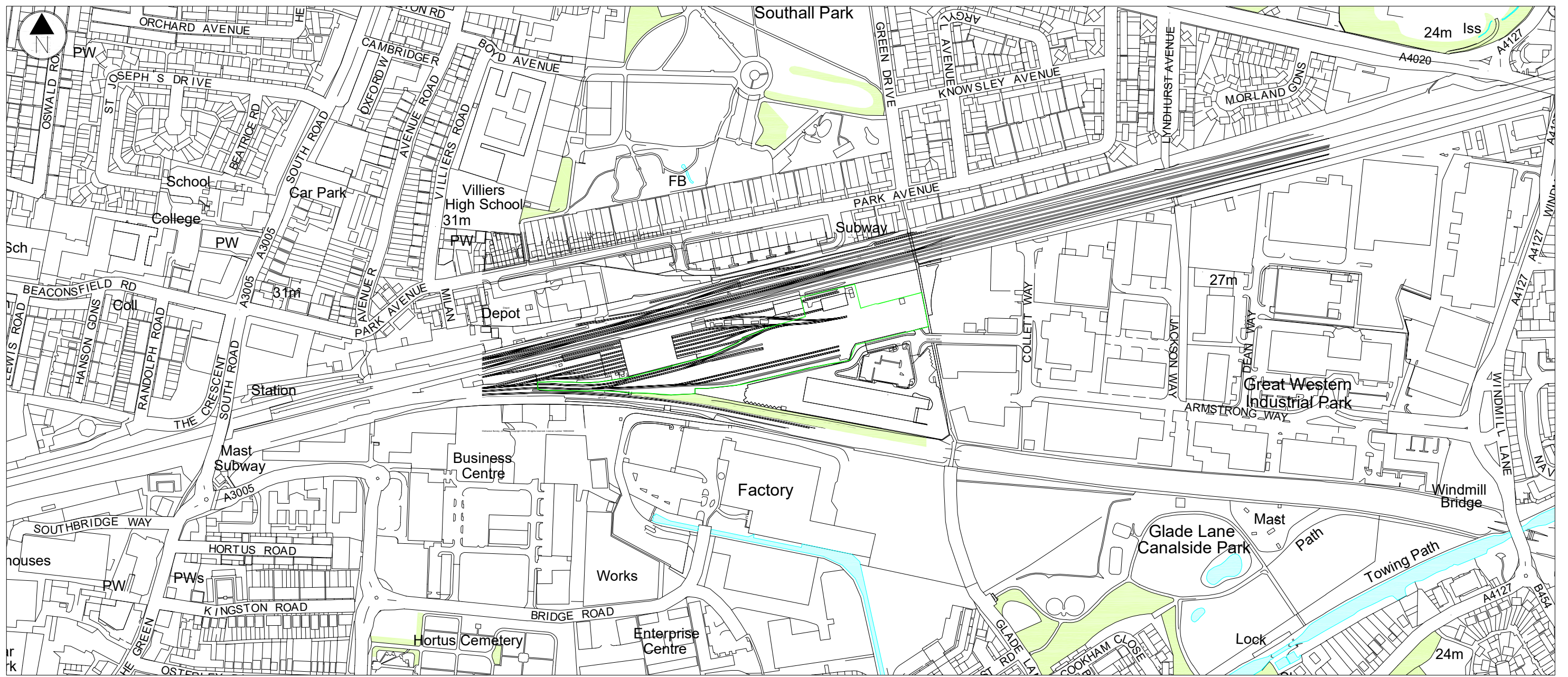
3.6 Site operational controls include:

- Anti-idling policy on the HGV's;
- Drop heights to waste storage area and/or working plant will be kept to a minimum;
- All machines in intermittent use shall be shut down in the intervening period between work and throttled down to a minimum; and
- All vehicles will obey the internal speed limit of 5 mph.

4.0 MONITORING AND RECORDS

- 4.1 Given the assessment outcome, quantitative noise monitoring is not deemed necessary for normal operations in accordance with the site working hours. Noise will be inspected during the daily site inspection and recorded in the site diary.
- 4.2 In the event night time operations are to be undertaken, the Operator will agree with Ealing Borough Council upon noise monitoring locations and suitable thresholds prior to any operations taking place.
- 4.3 The inspection of noise levels generated by the operation will be on a continuous basis by the site staff and it will be their responsibility to identify and control any excessive noise that occurs. If external complaints are raised, the complaints procedure, timescales and form will be implemented (attached in Appendix B). In the event of substantiated noise complaints, quantitative monitoring will be undertaken.
- 4.4 Potential controls to further mitigate noise in the event of a noise complaint/or through site inspection are shown below but will be relevant to the likely noise source:
- Temporary cessation of processing during internal investigation; and
 - Cap limit on HGV movements to and from site during more sensitive hours or limit to certain times of the day.
- 4.5 A record of any complaints arising regarding noise emissions and the actions taken will be kept in the Site Diary.
- 4.6 In the event of sustained noise issues or substantiated complaints, this NMP will be reviewed and updated. The NMP will be issued to the Environment Agency for approval and operations will cease within 100 m of the impacted receptor(s).

DRAWINGS



KEY

Permit Boundary

The centre of the site is located at Grid Reference No. TQ 13346 79927

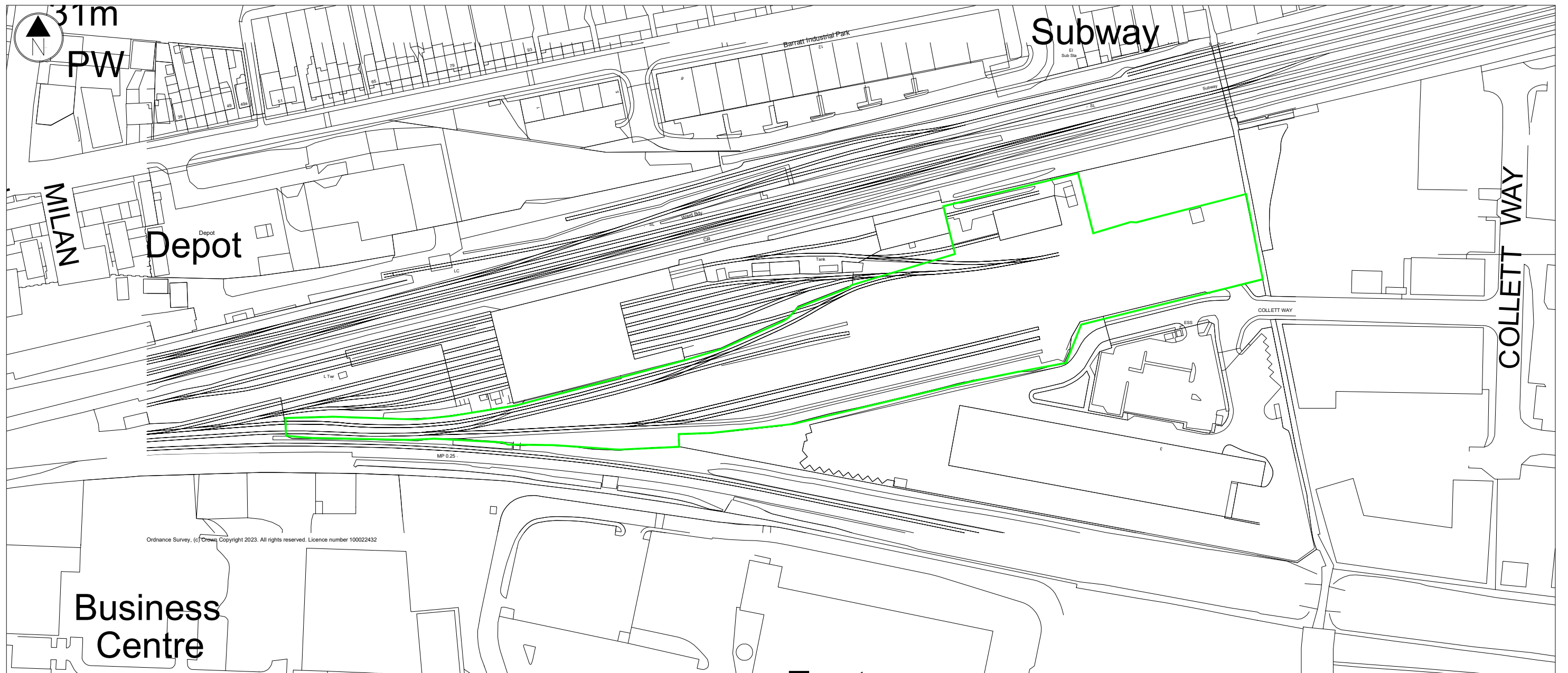
Rev.	Details	Drawn Chkd.	Date
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Project
 233305
 Land off Collett Way
 Southall, London
 UB2 4SE

Title
 Site Location Plan


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Scale	Date	Nov'24	Drng. No.	Rev.
1:5000@A3	Drawn	EF	Chkd.	EB
			233305/D/001	B



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KEY

 Permit Boundary

The centre of the site is located at Grid Reference No. TQ 13346 79927

Rev.	Details	Drawn Chkd.	Date
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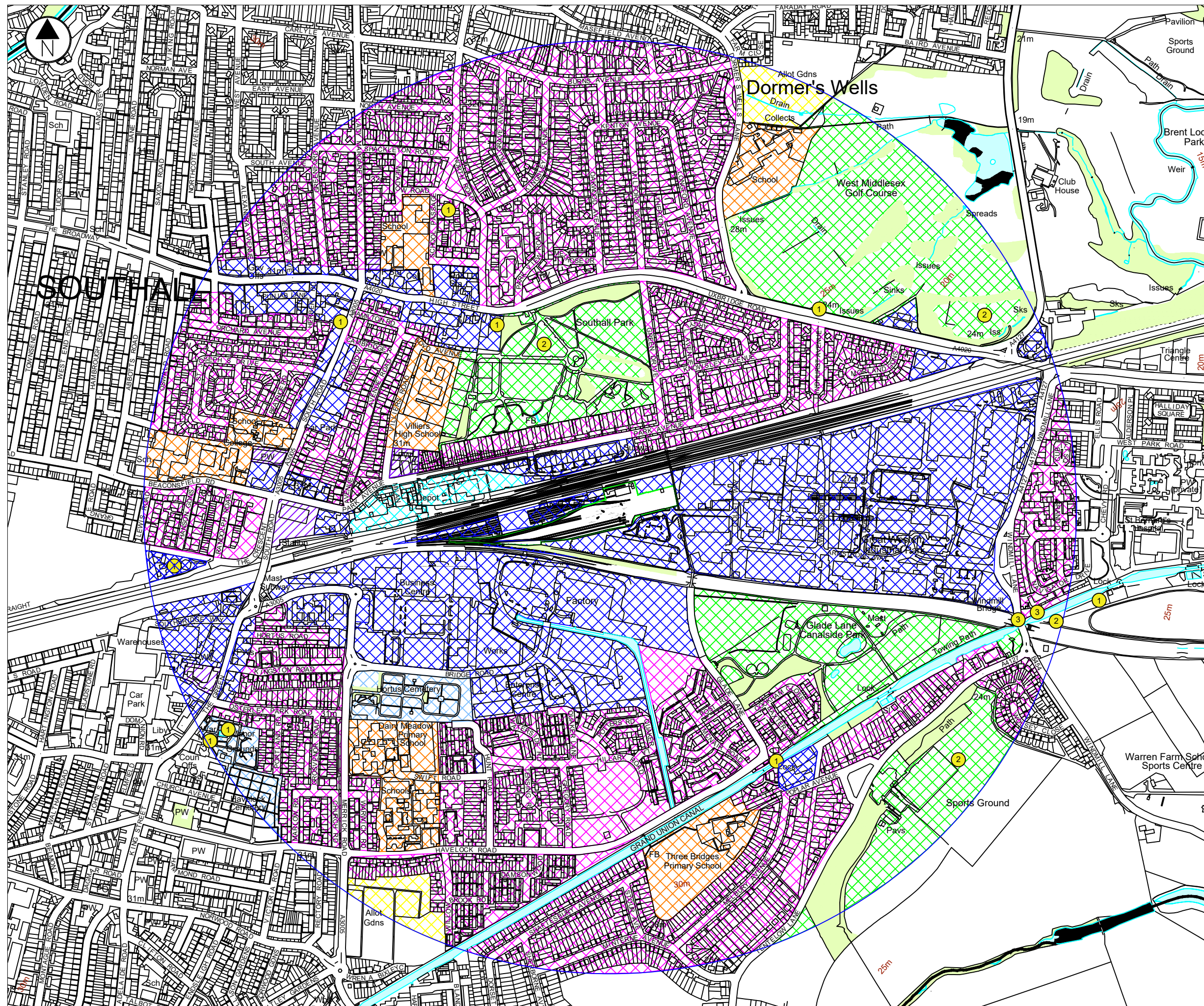
Project
 233305
 Land off Collett Way
 Southall, London
 UB2 4SE

Title
 Permit Boundary Plan



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Scale	Date	Nov'24	Dwg. No.	Rev.	
1:2,000@A3	Drawn	EF	Chkd. EB	233305/D/002	B



- KEY**
- Site Boundary
 - 1 km Radius
 - Water Body
 - Commercial / Industrial
 - Residential
 - Schools
 - Recreational
 - Place of Worship
 - Allotment
 - Cemetery
 - Land with Planning Permission for Residential Development
 - 1 Listed Building
 - 2 Priority Habitat
 - 3 Scheduled Monument

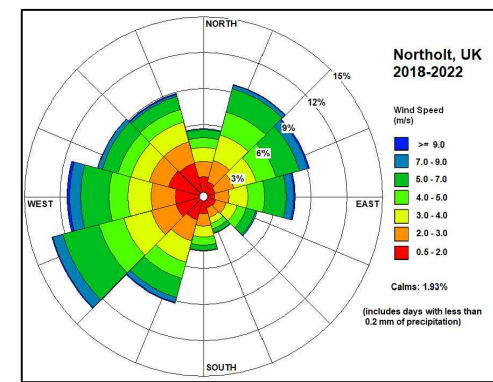


Figure 1. Meteorological wind data has been acquired from the Met Office from the Northolt weather station, which is approximately 7 km to the north of the site. The prevailing wind direction is from west-south-west.

Rev.	Details	Drawn	Date
		Chkd.	
Project			
233305			
Land off Collett Way			
Southall, London			
UB2 4SE			
Title			
Site Receptor Plan			
AA Environmental Ltd Units 4-8 Cholswell Court Shippon Abingdon Oxon OX13 6HX T: (01235) 536042 F: (01235) 523849 info@aae-ltd.co.uk www.aae-ltd.co.uk			
Scale	Date	Drg. No.	Rev.
1:8000@A3	Feb '24	233305/D/003	A
Drawn	Chkd.		
EF	EB		

Appendix A

BS4142 Noise Assessment

Appendix B
Complaint Forms & Procedure

Complaint Form

Complaint Form Reference No.	
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Date of Complaint	
-------------------	--

Details of Complainant			
------------------------	--	--	--

Name			
------	--	--	--

Address			
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Contact Number		Email Address	
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Nature of Complaint			
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Reported To		Date of Incident (if different to date of complaint)	
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Corrective Measure Taken			
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Follow up Communication with Complainant			
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Preventative Measure Taken (if any)			
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Sign off		Close out Date	
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Complaints Procedure

233305/CP

INTRODUCTION

This Complaints Procedure outlines how the Operator will respond in the event of a complaint. A complaint may arise relating to the site permitted activities involving a nuisance (dust, noise, odour, pests). This procedure contains information on how any complaint will be investigated and any actions taken as a result of the complaint.

KEY CONTACTS

The key contacts will be shown on the site notice board at the site entrance. Alternatively, any complaints can be made at the site to any site operative and/or the Site Manager.

PROCEDURE

1. Any complaints made will be immediately logged by the Site Manager and/or Site Operative. In the event a complaint is made to a Site Operative, the Site Operative will refer the complaint to the Site Manager. If able to do so, the complainant details will be taken on initial contact either by phone or in person. The response time is typically within 1 hour.
2. The Site Manager (or nominated operative) will discuss any concerns with the complainant directly within 1 working day of the complaint being made; and request contact details to notify the complainant of any updates/corrective measures. The complaint will be logged using the Complaint Form (attached) and given a unique reference number.
3. The Site Manager will review the site activities and ensure control measures are in accordance with the Site's Management Systems. This review will typically happen in conjunction with point 1 and review will be undertaken within 2 working days of complaint being made.
4. Once initial contact and review of the site has been undertaken, the Site Manager will investigate the location of concern raised in relation to the site i.e. at a local receptor location and/or public highway to inspect the impact on the receptor. This will occur within 3 working days.
5. The Site Manager will notify the complainant of any updates to the control measures / site operations. Control measures may be corrective and/or preventative and include additional control measures and/or increase the frequency of an existing control measure. Alternatively, the design of the site operations may change to decrease nuisance to that receptor. The notification will be within 1 week of the complaint being made.
6. In the event the same issue persists, the Site Manager will further review site operations and control measures. This may require a temporary cessation of certain operations whilst additional measure is implemented. The works will not recommence until further control measures have been incorporated and a review of effectiveness has been agreed / witnessed by the Site Manager. The complainant will be kept abreast of further measures. This is likely to be within 1-2 weeks subject to what the complaint is, severity of complaint and associated activity taking place.
7. In the event of an out of hour complaint, the complaint will be picked up on the next working day and dealt with as per point 1-6 above.

RECORDS

On site Records

A copy of this procedure is kept on site and briefed to all site operatives upon site induction. Any identified complaints, incidents or accidents, as well as corrective measures, are recorded in the Complaint Form. Copies of the complaint forms are kept on site.

Complaints Procedure

233305/CP

Review

This procedure is reviewed on a yearly basis or post-incident to ensure it remains up-to-date with the site operations. The review procedure would involve the Senior Management Team and site team collectively to establish the root cause and the best available control techniques. The review will take place within 1 month of the incident.