



Dust and Emissions Management Plan

EPR/DB3201XT/P001

Roberts Waste Transfer Station

Roberts Waste Limited

Report No. CRM 0182 001 PE R 009



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Dust and Emissions Management Plan – CRM.0182.001.PE.R.009

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For:	Roberts Waste Limited
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1.0 Introduction

1.1 Overview

1.1.1 This Dust Management Plan (DMP) has been prepared to support a variation and consolidation of two existing permits (originally held by S. Roberts & Son (Bridgwater) Limited which are being transferred to Roberts Waste Limited), to one Environmental Permit, reference EPR/DB3201XT/P001. The variation and consolidation permit application is for a Hazardous and Non-Hazardous Waste Transfer and Treatment Facility at Castlefields, The Drove, Bridgwater, Somerset, TA6 4AG. This facility will be referred to as 'The Facility' throughout this document.

1.1.2 The varied permit will include:

1. An increase to the existing permit boundaries; and
2. Consolidation of the activities carried out under permit EPR/GP3190FL (WML 27030) and EPR/DB3201XT/V002.

1.1.3 The Facility will be operated by Roberts Waste Limited ('The Operator') whose registered office is Castlefields, The Drove, Bridgwater, United Kingdom, TA6 4AG. The Company Number as registered on Companies House is 10731669.

1.1.4 This DMP will be transposed into the site's Environmental Management System (EMS) following approval by the Environment Agency. This DMP is intended to be used as a standalone working document for operational staff on a day to day basis.

1.2 Aims and Objectives of the DMP

1.2.1 The objectives of this DMP are to:

- Identify dust sensitive receptors in the vicinity of the site;
- Identify potential sources of dust emissions at the site and any foreseeable situations which may compromise the Operator's ability to prevent and/or minimise emissions of dust;
- Identify any other local contributors of dust and emissions in the vicinity of the site;
- Identify and employ appropriate methods, including monitoring regimes and contingency plans, to control and minimise dust emissions;
- Prevent unacceptable levels of dust pollution at all times;
- Reduce the risk of dust releasing incidents or accidents by anticipating them and planning accordingly; and
- Provide a working document for operational staff on a day-to-day basis including a complaints procedure.

1.2.2 This plan will be updated and reviewed in accordance with the requirements of the site's management system. It outlines the main sources of potential dust emissions at the site, the mitigation measures to be used to reduce the risk of dust impacting off-site receptors and the monitoring and reporting methods to be used.

1.2.3 Copies of this document will be held across the site and will be readily accessible by all site operatives. All on-site personnel and contractors will be briefed on the contents of this plan to ensure on site personnel understand the measures in place to prevent emissions of dust.

1.2.4 This document has been prepared in accordance with the following key guidance:

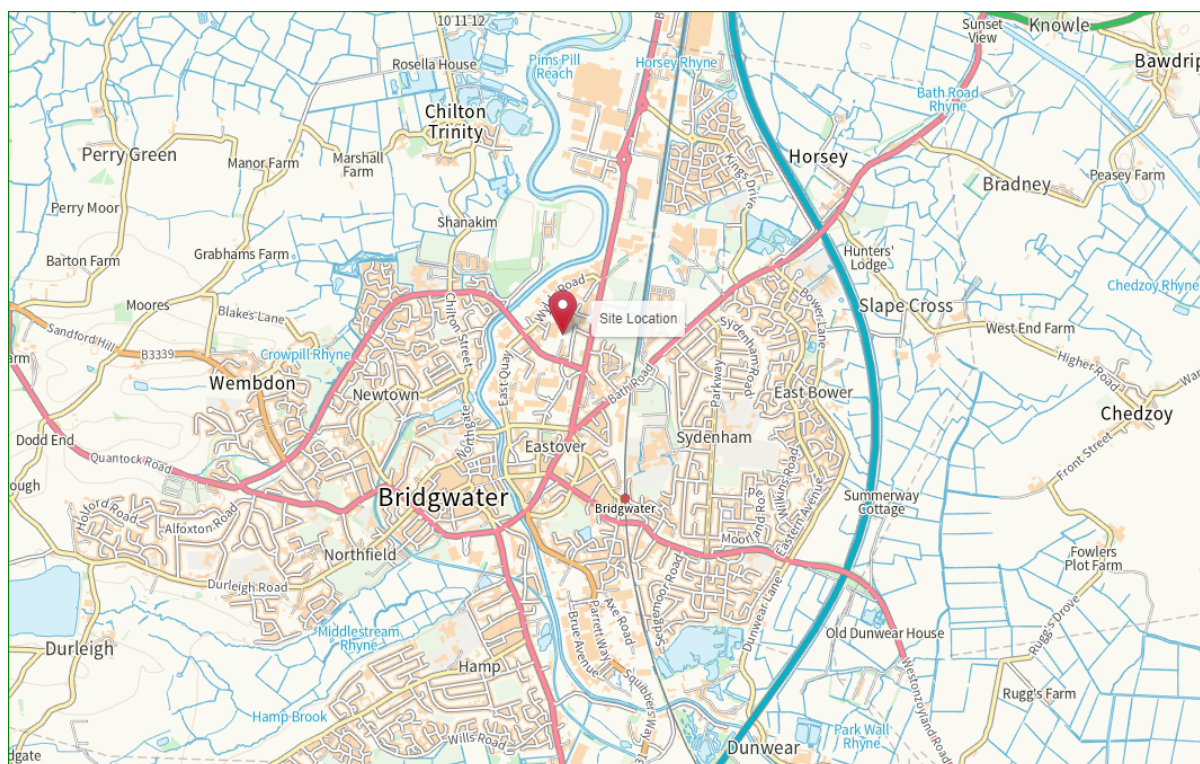
- Environment Agency Guidance: Develop a management system: Environmental permits, February 2016 (Updated April 2023);
- Environment Agency Guidance: Control and monitor emissions for your environmental permit, February 2016 (Updated November 2022); and
- Environment Agency Guidance: Risk assessments for your environmental permit, February 2016 (Updated January 2025).

1.3 Site Location

1.3.1 The site location can be seen in the Site Location Plan referenced CRM0182001-ENZ-XX-XX-DR-T-1001 and in Figure 1.3.1 below. The site address is:

Castlefields
The Drove
Bridgwater
Somerset
TA6 4AG

Figure 1.3.1: Site Location



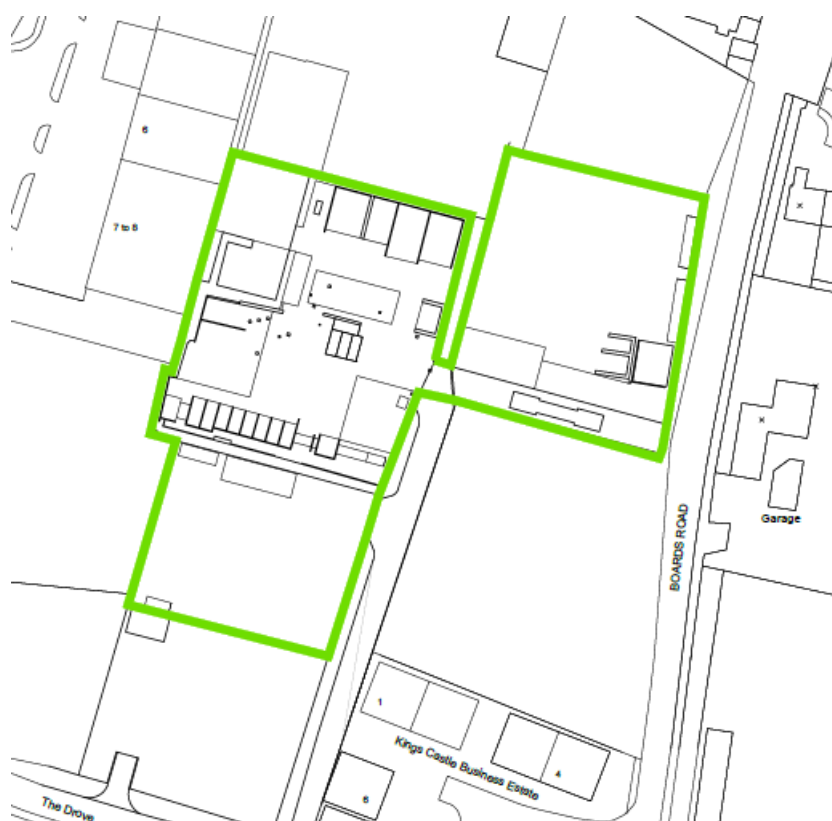
1.3.2 The centre of the site is located at National Grid References (NGR) ST 30403 37957 and occupies an area of approximately 1ha.

- 1.3.3 The facility is in an industrial area approximately 1.1km northeast of Bridgwater town centre. River Parrett is situated approximately 360m to the northwest of the site.

1.4 Site Description

- 1.4.1 The immediate north of the Site is Beech Business Park, the immediate west of the site is Wylds Road Trade Park and to the south is King's Castle Business Park.
- 1.4.2 The nearest residential property to the site is situated approximately 15m on the east from the site boundary.
- 1.4.3 The Site will continue to operate in line with the existing permit conditions, including manual sorting, separation, screening baling shredding, crushing or compaction of non-hazardous waste into different components for disposal or recovery and storage of asbestos.
- 1.4.4 The proposed permitted area can be seen on the Proposed Permit Boundary Plan referenced CRM0182001-ENZ-XX-XX-DR-T-1002 in Appendix A and outlined in red on Figure 1.4.1 below.

Figure 1.4.1: Proposed Permit Boundary



- 1.4.5 A review of DEFRA's Air Quality Management Area (AQMA) online mapping confirms that the site does not lie within an AQMA.
- 1.4.6 Meteorological data from the nearest monitoring station to the site, as summarised on www.windfinder.com, is presented below. Measurements at the Huntspill Weather Station (circa 4 km north of the site) were taken daily between April 2012 and March 2025 and show that the prevailing wind at the site is generally from the west to west northwest.
- 1.4.7 Statistics from the weather station are presented in Figure 1.4.2 below.

Figure 1.4.2: Wind Statistics: Huntspill Weather Station

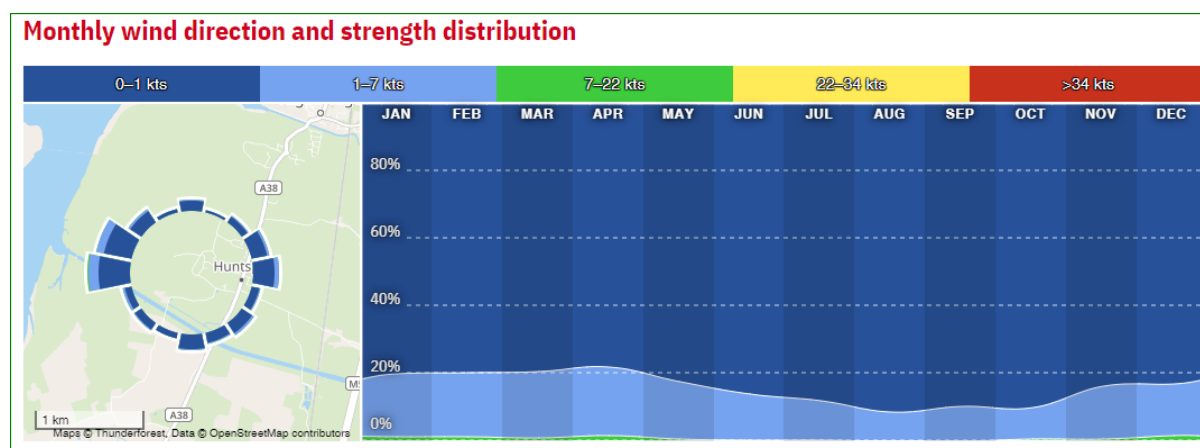


Image taken from www.windfinder.com ©

1.4.8 Table 1.4.3 below identifies potential additional sources of dust emissions in the vicinity of the site.

Table 1.4.3: Potential Additional Sources of Dust Emissions in Vicinity of Site

Source and Address	Operation type	Distance and Direction (m)
Vehicle Storage with gravel surface	Industrial	0 N
Bradford's Building Supply	Industrial	30 SW

1.5 Sensitive Receptors

1.5.1 Dust sensitive receptors with 500m of the Facility are presented in Table 1.5.1 below.

Table 1.5.1: Sensitive Receptors

Receptor	Type	Distance (m)	Direction
Wylde's Road Trade Park	Commercial & Industrial	0	NW
King's Castle Business Park	Commercial & Industrial	13	S
Bradford's Building Supply	Commercial	28	SE
Residential properties off Kimberley Terrace	Residential	16	NE
Commercial complex off Jessie Close	Commercial	62	W
Beech Business Park	Commercial & Industrial	49	N
The Leggar Retail Park	Commercial	77	S
Bridgwater Self Storage	Commercial	79	SW
Wickes Bridgwater	Commercial	122	W
Commercial and Industrial complex off Symons Way	Commercial & Industrial	143	SW
Residential Properties off Bristol Road	Residential	152	E

Receptor	Type	Distance (m)	Direction
Commercial and Industrial units off Robins Drive	Commercial & Industrial	183	SW
Bridgwater Tyre and Exhausts	Commercial	189	SE
East Quay Medical Centre	Commercial	227	W
Office Complex off East Quay	Commercial	241	W
UK Storage Self Storage	Commercial	276	W
Environment Agency Rivers House (office)	Commercial	283	SW
River Parrett	Ecological	284	NW
Sainsbury's store	Commercial	288	S
Commercial Complex off East Quay	Commercial	325	W
Bridgwater Retail Park	Commercial	339	S
Saltlands Recycling Centre	Industrial	380	NW
Residential Properties off Riverside Close	Residential	381	NW
Kilnside Industrial Estate	Commercial & Industrial	399	SW
Residential Properties off Linham Road	Residential	433	W
High street on Bath Road	Commercial	433	SE
Somerset Brick & Tile Museum	Recreational	436	SW
Bath Bridge Business Park	Commercial & Industrial	451	SE
Chilton Trinity Water Recycling Centre	Industrial	459	N
Commercial and Industrial complex off East Quay	Commercial & Industrial	464	SW
Host Campus (residential)	Residential	478	E

2.0 Site Operations

2.1 Waste Acceptance Protocol

2.1.1 Site operations are restricted to the following hours:

- 07:00 to 18:00 hours Monday to Friday;
- 07:00 – 13:00 hours on Saturday;
- No operations or deliveries on Sundays or Bank Holidays without prior notification and authorisation.

2.1.2 The Operator has a waste pre-acceptance procedure in place at the Facility to ensure that the waste has been assessed for its suitability for receipt at the Facility.

2.1.3 Waste acceptance checks will be carried out on each delivery to ensure that the characteristics of the waste received matches the information provided during waste pre-acceptance. Waste acceptance checks will include a visual assessment of the waste as well as validation of all transfer documentation.

2.1.4 Each load will be weighed on arrival to confirm the quantity of waste, unless delivered in known quantities (e.g. liquid of a known density in a drum of known volume). All wastes, except inert waste, will be offloaded on an impermeable surface with self-contained drainage.

2.1.5 Non-conforming wastes will be rejected, including those which are loose or highly dust-generating.

2.1.6 Accepted waste will then be stored temporarily before removing off site or treated on-site, treatment consisting only of manual sorting, separation, screening, baling, shredding, crushing or compaction of non-hazardous waste into different components for disposal or recovery.

2.2 Design for Dust Control

2.2.1 Waste treatment activities with the highest potential for dust generation such as crushing are mostly undertaken on the west side of the facility, while the nearest residential properties are situated on the east side, thereby minimising the dust impact on them.

2.2.2 Full details of dust mitigation measures are described in Section 3.

2.3 Inspection and Maintenance of Plant and Equipment

2.3.1 All plant and equipment are inspected before each use and all critical plant and equipment is subject to a programme of PPM. All storage and treatment areas are inspected daily and regularly fully emptied to enable a full inspection and cleaning of the area.

2.4 Responsibility for Implementation of This Plan

2.4.1 The site's EMS and this DMP (which forms part of the EMS) is the responsibility of the site's Technically Competent Manager (TCM).

2.4.2 This DMP will be reviewed annually or after any complaints due to dust. Any technical and managerial changes on site will also initiate a review to ensure that the dust mitigation and control techniques remain appropriate for the site.

- 2.4.3 The site's TCM holds the relevant CIWM/WAMITAB certificate which ensures that the technically competent person on a waste site has knowledge and skills that keep pace with changes made across the waste management industry, such as the introduction of new legislation, technologies and techniques. Copies of the relevant TCM certificates have been provided to support this Permit application.
- 2.4.4 As the risks and appropriate control measures detailed within this DMP affect both staff who work at the site and visitors including delivery drivers, site inductions will be given to everyone who attends site to ensure measures to reduce dust / particulate emissions are understood.
- 2.4.5 Where specific activities or tasks require additional training, these will be identified when preparing method statements / safe systems of works for each task, and training / toolbox talks delivered as appropriate. For contract work undertaken on site, permits to work will be issued which will detail method statements that are to consider the potential for any emissions from the activities as well as the appropriate mitigation measures to be taken whilst the works are carried out.
- 2.4.6 Staff training records are held within the site's EMS. Refresher training is delivered either by external training providers or in house (as appropriate).

3.0 Dust and Particulate Management

3.1 Sources of Dust Emissions and Control Measures

3.1.1 The Source Pathway Control Matrix presented in Appendix C sets out the main dust and particulate forming processes at the site. These are:

- Vehicle Movements;
- Waste Acceptance;
- Asbestos Fibres;
- Waste Treatment on site;
- Waste storage on site.

3.1.2 For each process above, the pathway and potential receptors of dust emissions have been identified. Impacts are likely to be associated with inhalation by human receptors, visible dust plumes and deposition.

3.1.3 Dust prevention and suppression techniques in place to reduce the likelihood of impacts to receptors are described within the Source Pathway Control Matrix presented in Appendix C. The outcome of the assessment in relation to each dust forming process is summarised below.

3.2 Vehicle Movements

3.2.1 Emissions are likely to be associated with atmospheric dispersion of dust and particulates from uncovered vehicles for delivery, from internal traffic, and from vehicle exhausts.

3.2.2 Dust sensitive receptors are motorists on adjacent roads, residential properties, local population and workforce in adjacent industrial estate, offices and retail park.

3.2.3 Dust prevention and suppression techniques include:

- Limit traffic to 5mph across the Facility and all drivers are instructed on the site traffic management plan upon entry to the Facility. All vehicle movements take place on hardstanding and no soft landscaping areas are present at the Facility.
- Internal haul roads and the site entrance and exit roads are also regularly inspected and a road sweeper is deployed to clean the roads on a weekly basis with further visits scheduled when required. In addition, the site has mobile plant capable of clearing excess mud and dust between sweeper visits as required
- Vehicle washdown area is present in the northwestern corner of the site and any vehicles that have delivered potentially odorous or dusty loads will be washed down in the area before leaving site via The Drove.
- All exiting vehicles wheels are inspected for cleanliness before leaving the Facility. If, upon inspection, vehicle wheels require cleaning, they will be cleaned in the site's vehicle washdown area.

3.2.4 Residual risk following the control measures above is considered Low.

3.3 Waste Acceptance

3.3.1 Emissions are likely to be associated with atmospheric dispersion of dust and particulates from dusty waste. The unloading of particularly dusty waste types or loads is likely to result in higher levels of emissions and visible plumes.

3.3.2 Dust sensitive receptors are residential properties, local population and workforce in adjacent industrial estate, offices and retail park.

3.3.3 Dust prevention and suppression techniques include:

- Material deliveries are prohibited during high winds in the prevailing direction of the nearest dust sensitive receptors.
- Wastes will be stored within closed containers or covered, if necessary, to prevent fugitive emissions.
- Mobile water bowsters are in place to damp down dusty loads during unloading and once deposited (if required).
- All incoming loads are visually inspected at the weighbridge by the TCM, site manager or gate person and instructions are given to drivers. Loads identified as having potential to generate excessive dust held while additional control measures are considered. Loads may be refused entry to the site.
- Waste acceptance checks will be carried out on each delivery to ensure that the characteristics of the waste received matches the information provided during waste pre-acceptance. Waste acceptance checks will include a visual assessment of the waste as well as validation of all transfer documentation.
- Each load will be weighed on arrival to confirm the quantity of waste, unless delivered in known quantities (e.g. liquid of a known density in a drum of known volume). All non-hazardous and hazardous wastes will be offloaded on an impermeable surface with self-contained drainage.
- Non-conforming wastes will be rejected, including those which are loose or highly dust-generating.

3.3.4 Residual risk following the control measures above is considered Low.

3.4 Asbestos Fibres

3.4.1 Emissions are likely to be associated with atmospheric dispersion release of asbestos fibres.

3.4.2 Dust sensitive receptors are residential properties, local population and workforce in adjacent industrial estate, offices and retail park.

3.4.3 Dust prevention and suppression techniques include:

- All deliveries of asbestos waste delivered will be double bagged or double wrapped and placed within the appropriate skip. The asbestos skips will be fully enclosed, appropriately signed and locked at all times, other than during deliveries. There will be no treatment or repackaging of asbestos waste carried out at the Facility.
- No treatment of asbestos is carried out on site.

3.4.4 Residual risk is considered Low.

3.5 Waste Treatment

3.5.1 Emissions are likely to be associated with atmospheric dispersion of dust and particulates from dusty waste. The treatment of particularly dusty waste types or loads is likely to result in higher levels of emissions and visible plumes.

3.5.2 Dust sensitive receptors are residential properties, local population and workforce in adjacent industrial estate, offices and retail park.

3.5.3 Dust prevention and suppression techniques include:

- All screening, shredding and crushing processes are undertaken in dedicated areas which are surrounded to the south and east by 2.5m high concrete walls. The concrete walls are also fitted with a further 2m high extension of micro netting to limit fugitive emissions.
- Dampening down is carried out during screening, shredding and crushing activities when required. This is achieved in the main transfer station yard through a fixed mist-air system consisting of a control panel, water storage tanks and 3no. rain guns. The system can be operated manually or on a timed cycle depending on the weather and site conditions.
- There is also a mobile Corgin mist cannon available at the Facility which consists of a trailer mounted mobile water bowser with a remote control, and directional mist cannon head. This unit can be positioned anywhere at the Facility depending on where it is required.
- The two systems detailed above are supplemented by several hoses and sprinklers that are available around the Facility to be utilised when required.
- Weather conditions are recorded at the site and future forecasts are monitored for any upcoming adverse weather conditions. Where periods of high winds are noted then activities with a high risk of dust creation will be suspended e.g. crushing.
- Wastes prone to the generation of dust emissions are be prioritised for transfer off site.
- No treatment of hazardous waste will be carried out at the Facility.

3.5.4 Residual risk is considered Low.

3.6 Waste Storage

3.6.1 Emissions are likely to be associated with atmospheric dispersion of dust and particulates by wind from stored stockpiles of waste.

3.6.2 Dust sensitive receptors are residential properties, local population and workforce in adjacent industrial estate, offices and retail park.

3.6.3 Dust prevention and suppression techniques include:

- Following receipt of the waste, it will be sorted and stored separately in appropriately sized and signed locations on the site.

- The Facility is secured by 2m high fencing and the site entrance and exit gates are locked outside of operational hours.
- Stockpile levels are kept below the top of structures holding the waste at all time to minimise wind-whipping.
- The plasterboard bay is fitted with an impermeable cover fixed by ratchet straps. The cover is only removed during the emptying of the bay to allow access and is replaced as soon as this process is complete.
- Stockpiled wastes are dampened down when the potential for fugitive dust emissions is increased as identified through daily inspections. Increased inspections are carried out in periods of hot and dry weather.
- Drop heights are minimised as much as possible for materials leaving conveyors and the buckets of excavators to ensure the potential for dust generation is minimised.
- Wastes prone to the generation of dust emissions are be prioritised for transfer off site.
- The Facility has CCTV cameras and a security contractor is employed to respond to any security incidents at the Facility.

3.6.4 Residual risk following the control measures above is considered Low.

4.0 Monitoring, Reporting and Complaints Procedure

4.1 Dust Monitoring

4.1.1 Dust Monitoring Surveys will be undertaken annually by a suitability accredited body for level of fibres and particulates. Parameter of the survey includes Total Inhalable Dust, Respirable Dust, Respirable Crystalline Silica and Asbestos. The results will be sent to the EA within a report that also includes position of sampling points, weather conditions, a list of equipment in operation and an assessment of the results.

4.1.2 Visual monitoring of dust emissions will be carried out by the TCM for the site or site manager daily. All staff employed on site will receive training in the identification of fugitive dust emissions and what issues to look out for to proactively prevent fugitive emissions release.

4.1.3 Routine monitoring of dust / particulate emissions will include:

- Monitoring of weather conditions;
- Daily visual inspections of the site and access roads;
- Visual inspections of waste deliveries upon arrival; and
- Daily visual inspections of construction areas.

4.1.4 Additional monitoring will be carried out under the following circumstances:

- During periods of dry conditions;
- Upon receipt of dry or dusty loads;
- During periods of abnormal operation; and
- In the event that a complaint is received on site.

4.1.5 Records of visual monitoring will be documented in the site diary. If excessive dust emissions are identified the TCM will temporarily shut down site operations until a review of dust suppression techniques is complete and the Operator can operate with causing dust impacts off site.

4.1.6 No permanently installed dust and particulate monitors and/or trigger alarms are considered proportionate or necessary. Following receipt of off-site complaints and/or perceived impacts this will be reviewed.

4.2 Community Engagement

4.2.1 The Operator is responsible for community engagement and wherever possible, intends to proactively resolve dust complaints before they occur.

4.2.2 Anyone potentially impacted by emissions of dust will be made aware of the complaints procedure and who to notify if impacts are being experienced.

4.3 Complaints and Incident Review

4.3.1 All records of dust monitoring undertaken will be noted on the site diary. These will be kept on site for inspection by the EA Officer as and when required.

4.3.2 Should dust be detected at the site boundary, a note of this will be made in the site diary and the Site Manager will take appropriate steps to mitigate the dust which comprise as a minimum:

- Inspection of site operations to identify dust source;
- Cessation of activity generating the dust;
- Damping down of the area causing the dust; and
- Review of site operation procedures to reduce the likelihood of recurrence.

4.3.3 Dust complaints received at the site will be reported to the Environment Agency as below and followed up on with on-site investigation, which will also be reported to the Environment Agency via the appropriate Environmental Permit Notification System. A Dust Complaints Form is included as Appendix B.

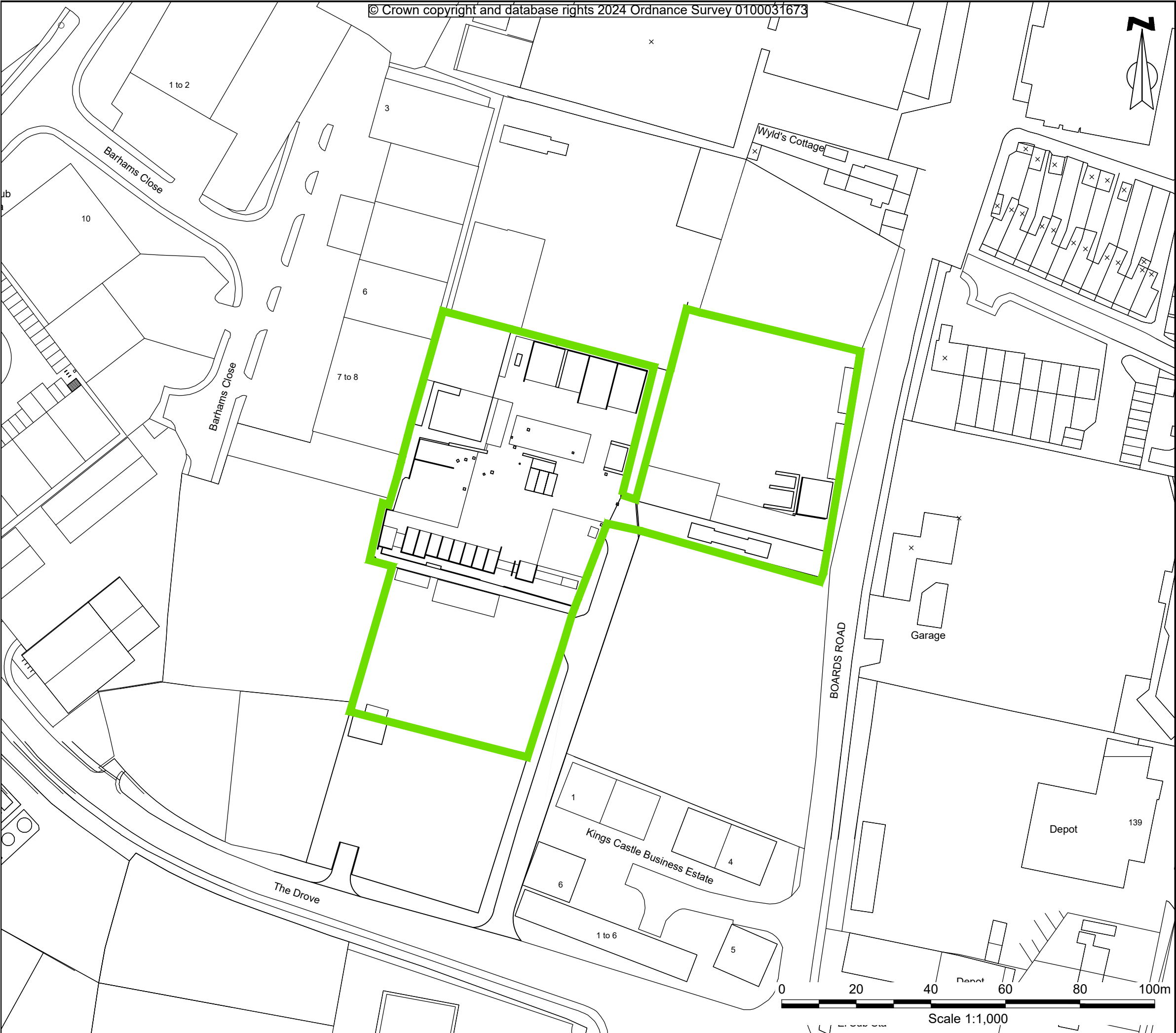
4.3.4 It is important to record and act upon complaints received and communicate the outcome of the investigation to the complainant. It is equally important to undertake a review following complaints or incidents if warranted to implement further control measures on site to prevent reoccurrence. The Operator will undertake a formal review of onsite processes following any major incident and will routinely review any complaints received as and when they occur.

4.3.5 All records of events and actions taken will be retained as required by the Environmental Permit.

4.4 Notifying the Environment Agency

4.4.1 In the event that an accident or incident occurs which may cause a dust impact, the Operator will notify the Environment Agency immediately, using the emergency 24hr phone line (0800 80 70 60). The Site Manager for the Facility will also notify the Regulatory Officer should any complaints be received directly to site and advise what remedial measures or actions have been taken to address the issue. Copies of any relevant complaints received will be made available to the Environment Agency for review.

4.4.2 The Environment Agency will also be notified via the appropriate Environmental Permit Notification System.



KEY:

Proposed Permit Boundary

P03	02.05.25	Drawing Revised	SD	DM	DM
P02	25.04.25	Site Boundary Updated	SD	DM	DM
P01	24.10.24	Issued for comment / approval	LB	SC	SC
Rev	Date	Description	DRA	CHK	APP

Project
Permit Variation Roberts Waste Limited

Client
Roberts Waste Limited

Drawing Title
Site Boundary Plan

Scale 1:1,000 @ A3	Date 24.10.24	Status Preliminary
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DWG No. CRM0182001-ENZ-XX-XX-DR-T-1002	Revision P02
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Bristol 01454 269 237	Cardiff 02920 023 700
Manchester 0161 413 6444	Cambridge 01799 542 473
Sheffield 0114 321 5151	Belfast 07377673948

@enzygo
enzygo.com
hello@enzygo.com

Appendix B – Dust Complaint Form

Complainant Details	
Name	
Address	
Postcode	
Customer Contact Details	
Tel	
Email	
Date	
Complaint Ref Number	
Complaint Details	
Investigation Details	
Investigation carried out by	
Position	
Date & time investigation carried out	
Weather conditions	
Wind direction and speed	
Investigation findings	
Feedback given to Environment Agency and/or local authority	
Date feedback given	
Feedback given to public	
Date feedback given	
Review and Improve	
Improvements needed to prevent a reoccurrence	
Proposed date for completion of the improvements	
Actual date for completion	
If different insert reason for delay	
Does the dust management plan need to be updated	
Date that the dust management plan was updated	
Closure	
Site manager review date	
Site manager signature to confirm no further action required	

Appendix C – Source Pathway Control Matrix

Source	Pathway	Receptor	Type of Impact	Risk	Dust Prevention and Suppression Techniques	Residual Risk
Vehicle movements	atmospheric dispersion of dust and particulates from uncovered vehicles for delivery, from internal traffic, and from vehicle exhausts	Motorists on adjacent roads	Amenity Local human population	High	Limit traffic to 5mph across the Facility and all drivers are instructed on the site traffic management plan upon entry to the Facility. All vehicle movements take place on hardstanding and no soft landscaping areas are present at the Facility. Internal haul roads and the site entrance and exit roads are also regularly inspected and a road sweeper is deployed to clean the roads on a weekly basis with further visits scheduled when required. In addition, the site has mobile plant capable of clearing excess mud and dust between sweeper visits as required Vehicle washdown area is present in the northwestern corner of the site and any vehicles that have delivered potentially odorous or dusty loads will be washed down in the area before leaving site via The Drove. All exiting vehicles wheels are inspected for cleanliness before leaving the Facility. If, upon inspection, vehicle wheels require cleaning, they will be cleaned in the site's vehicle washdown area.	Low
Waste Acceptance	Atmospheric dispersion of dust and particulates from dusty waste Visible plumes from unloading of particularly dusty waste types or loads	residential properties, local population and workforce in adjacent industrial estate, offices and retail park	Amenity Human Health	Low	Material deliveries are prohibited during high winds in the prevailing direction of the nearest dust sensitive receptors; Wastes will be stored within closed containers or covered, if necessary, to prevent fugitive emissions. Mobile water bowsters are in place to damp down dusty loads during unloading and once deposited (if required); All incoming loads are visually inspected at the weighbridge by the TCM, site manager or gate person and instructions are given to drivers. Loads identified as having potential to generate excessive dust will be held while additional control measures are considered. Loads may be refused entry to the site.	Low

Source	Pathway	Receptor	Type of Impact	Risk	Dust Prevention and Suppression Techniques	Residual Risk
Asbestos Fibres	Air transport or via physical contact then inhalation	Site workforce and local human population	Human Health	Medium	All deliveries of asbestos waste will be double bagged or double wrapped and placed within the appropriate skip. The asbestos skips will be fully enclosed, appropriately signed and locked at all times, other than during deliveries. There will be no treatment or repackaging of asbestos waste carried out at the Facility. No treatment of asbestos is carried out on site.	Low
Waste Treatment	Atmospheric dispersion of dust and particulates from dusty waste Visible plumes from unloading of particularly dusty waste types or loads	residential properties, local population and workforce in adjacent industrial estate, offices and retail park	Amenity Human Health	Medium	All screening, shredding and crushing processes are undertaken in dedicated areas which are surrounded to the south and east by 2.5m high concrete walls. The concrete walls are also fitted with a further 2m high extension of micro netting to limit fugitive emissions. Dampening down is carried out during screening, shredding and crushing activities when required. This is achieved in the main transfer station yard through a fixed mist-air system consisting of a control panel, water storage tanks and 3no. rain guns. The system can be operated manually or on a timed cycle depending on the weather and site conditions. There is also a mobile Corgin mist cannon available at the Facility which consists of a trailer mounted mobile water bowser with a remote control, and directional mist cannon head. This unit can be positioned anywhere at the Facility depending on where it is required. The two systems detailed above are supplemented by several hoses and sprinklers that are available around the Facility to be utilised when required. Weather conditions are recorded at the site and future forecasts are monitored for any upcoming adverse weather conditions. Where periods of high winds are noted then activities with a high risk of dust creation will be suspended e.g. crushing. Wastes prone to the generation of dust emissions are be prioritised for transfer off site.	Low

Source	Pathway	Receptor	Type of Impact	Risk	Dust Prevention and Suppression Techniques	Residual Risk
					No treatment of hazardous waste will be carried out at the Facility.	
Waste Storage	Atmospheric dispersion of dust and particulates from dusty waste Visible plumes from unloading of particularly dusty waste types or loads	residential properties, local population and workforce in adjacent industrial estate, offices and retail park	Amenity Human Health	Medium	Following receipt of the waste, it will be sorted and stored separately in appropriately sized and signed locations on the site. The Facility is secured by 2m high fencing and the site entrance and exit gates are locked outside of operational hours. Stockpile levels are kept below the top of structures holding the waste at all times to minimise wind-whipping. The plasterboard bay is fitted with an impermeable cover fixed by ratchet straps. The cover is only removed during the emptying of the bay to allow access and is replaced as soon as this process is complete. Stockpiled wastes are dampened down when the potential for fugitive dust emissions is increased as identified through daily inspections. Increased inspections are carried out in periods of hot and dry weather. Drop heights are minimised as much as possible for materials leaving conveyors and the buckets of excavators to ensure the potential for dust generation is minimised. wastes prone to the generation of dust emissions are be prioritised for transfer off site. The Facility has CCTV cameras and a security contractor is employed to respond to any security incidents at the Facility.	Low



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