

Darwen Resource Recovery Park

784-B043732

Dust Management Plan

Environmental Permit Variation Application

SUEZ Recycling and Recovery UK Ltd

May 2024

**Document prepared on behalf of Tetra Tech Limited. Registered in England number:
01959704**

DOCUMENT CONTROL

| | |
|------------------------|---|
| Document: | Dust Management Plan |
| Project: | Darwen Resource Recovery Park |
| Client: | SUEZ Recycling and Recovery UK Ltd |
| Project Number: | 784-B043732 |
| File Origin: | X:\784-B043732_Darwen_Resource_Recovery_Park\60 Project Output\63 Published |

| | | | |
|---------------------------------|-------------|---------------------|----------------|
| Revision: | Final to EA | Prepared by: | Gemma Allan |
| Date: | May 2024 | Checked by: | Lauren Stanger |
| Status: | Final | Approved By: | Andrew Bowker |
| Description of Revision: | | | |

| | | | |
|---------------------------------|--|---------------------|--|
| Revision: | | Prepared by: | |
| Date: | | Checked by: | |
| Status: | | Approved By: | |
| Description of Revision: | | | |

| | | | |
|---------------------------------|--|---------------------|--|
| Revision: | | Prepared by: | |
| Date: | | Checked by: | |
| Status: | | Approved By: | |
| Description of Revision: | | | |

| | | | |
|---------------------------------|--|---------------------|--|
| Revision: | | Prepared by: | |
| Date: | | Checked by: | |
| Status: | | Approved By: | |
| Description of Revision: | | | |

TABLE OF CONTENTS

| | | |
|------------|--|-----------|
| 1.0 | INTRODUCTION | 1 |
| 2.0 | SITE DESCRIPTION | 3 |
| 3.0 | ROLES AND RESPONSIBILITIES..... | 10 |
| 4.0 | SOURCES AND CONTROL OF DUST | 11 |
| 5.0 | REPORTING AND COMPLAINTS RESPONSE | 16 |
| 6.0 | CONTINGENCY ACTIONS | 18 |

LIST OF TABLES

| | |
|--|----|
| Table 1: R/D Codes for the Household, Commercial and Industrial Waste Transfer Station Facility..... | 3 |
| Table 2: R/D Codes for the Materials Recycling Facility | 4 |
| Table 3: Receptors within 1km of the Site | 6 |
| Table 4: Local Contributors of Dust within 1km of the Site..... | 11 |
| Table 5: Source-Pathway-Receptor Routes from Waste Activities at the Site..... | 11 |
| Table 6: Measures to Control Dust/Particulates from Permitted Waste Activities..... | 12 |
| Table 7: Dust Assessment Scale | 14 |
| Table 8: Dust Contingency Matrix | 18 |

LIST OF FIGURES

| | |
|--|---|
| Figure 1: Wind Rose Data for Darwen..... | 9 |
|--|---|

APPENDICES

- Appendix A - Proposed Waste Types
- Appendix B – IMS Checklist
- Appendix C – Amenity Complaint Investigation Form

DRAWINGS

- Environmental Permit Boundary - SUEZ/B043732/PER/01
- Receptor Plan - SUEZ/B043732/REC/01
- Proposed Site Layout - 1446_PL101_B

1.0 INTRODUCTION

1.1 REPORT CONTEXT

- 1.1.1 This Dust Management Plan (DMP) has been prepared by Tetra Tech on behalf of the operator, SUEZ Recycling and Recovery UK Ltd (SUEZ) to support an Environmental Permit Application for Darwen Resource Recovery Park (the site), Lower Eccleshill Road, Darwen, Lancashire BB3 0RP. The site location and permit boundary are presented on Drawing Number SUEZ/B043732/PER/01.
- 1.1.2 SUEZ currently hold a bespoke environmental permit (reference EPR/BB3609KA) at the site which allows the operation of a Material Recycling Facility (MRF), Plastics Physical Treatment Facility, Glass Bulking Facility and Household, Commercial & Industrial (HCI) Waste Transfer Station.
- 1.1.3 SUEZ are now seeking to vary the environmental permit to allow the operation of a new Anaerobic Digestion (AD) Facility that will process food waste from household waste collections as well as industrial and commercial customers. The proposed AD facility will be constructed in the eastern area of the site. The process will generate biogas which will mainly be processed by two Combined Heat and Power (CHP) engines to generate heat and electricity that would be used by the AD plant. Once the parasitic load has been met, any excess biogas will be processed by a gas upgrading plant to National Gas Grid criteria and injected into the gas grid via a gas main situated to the southeast corner of the site. Alternatively, excess biogas will be processed by the CHP engines to generate electricity that will be exported to the National Grid. Each CHP engine will have a capacity of 1.2MW and therefore it's considered that the CHP engine will be subject to the Medium Combustion Plant Directive (MCPD) and therefore will comprise 2 x 1.2MW MCPs with a specified generator (SG).
- 1.1.4 To facilitate the installation and operation of the AD facility, SUEZ are seeking to demolish the existing buildings and site infrastructure and redevelop the whole site.
- 1.1.5 In addition to the AD Facility, SUEZ will continue to operate a waste transfer station as well as maintain the Material Recycling Facility as per the original environmental permit, there is currently no intention to operate the MRF and therefore has not been included as part of the new site layout. Nevertheless, SUEZ would like to keep this activity within the environmental permit for future proofing purposes. These activities will be situated across both the Waste Transfer Station building and canopy building according to their suitability. The waste transfer station building will be used for the acceptance, bulking and treatment of general municipal/residual black bag and bulky waste prior to treatment via shredding. The canopy building will be used solely for the bulking of non-hazardous waste prior to transfer off site for recovery and/or disposal.
- 1.1.6 According to the Environment Agency's (EA) 'Control and Monitor Emissions for your Environmental Permit' guidance a DMP must be prepared to support an application that comprises the "*keeping or treating (or both) household, commercial or industrial waste in a waste transfer station*". The guidance also indicates that a DMP for "*keeping or treating (or both) biowaste in the open, including the finished material*". The proposed AD facility will comprise a building which will be used to undertake the pre-treatment of food waste prior to the main AD process and the storage of digestate that's generated from the AD process. The main AD process will be undertaken outside however, this will comprise a wet process and will be undertaken within enclosed digester tanks. Subsequently, it's considered that the risk of dust from the AD process is low and therefore has not been addressed in this DMP.
- 1.1.7 It is the intention of SUEZ to remove the Plastics Physical Treatment Facility, Glass Bulking Facility from the permit.

- 1.1.8 As such, this DMP has been prepared in accordance with the EA's 'Dust & Emission Management Plan' template (Updated November 2022).
- 1.1.9 This DMP is a working document, intended to be used as a reference document for operational staff on a day-to-day basis. SUEZ will implement the plan to ensure that all reasonable measures are taken to control dust emissions, and in the event that an adverse impact is caused, prompt action will be taken to identify the source and apply corrective measures. It provides a schedule of actions that will be taken to minimise dust impact and details site management procedures for the management and monitoring of dust.

2.0 SITE DESCRIPTION

2.1 SITE SETTING

- 2.1.1 The site is located approximately 1.6km north of Darwen Town Centre and is centred at approximate National Grid Reference (NGR) SD 69375 23967. The site location and permit boundary are presented on Drawing Number SUEZ/B043732/PER/01.
- 2.1.2 Access to the site is achieved via an unnamed access road off Goose House Lane which is located to the southwest of the site.
- 2.1.3 The site is bound to the west by an active railway line and beyond this are a number of industrial and commercial units. Land to the east comprise trees and hedgerows and open agricultural land beyond identified as Green Belt. A public right of way abuts the site northwards with trees and woodland. To the south is a closed landfill currently permitted to Infinis (Re-Gen) under environmental permit reference EPR/TP3091CZ (EAWML 54008).
- 2.1.4 According to DEFRA's 'AQMA Interactive Map', the site is not situated in or is within 2km of a designated Air Quality Management Area (AQMA) for particulate matter. However, the site is situated within a designated AQMA for Nitrogen Dioxide (NO₂).

2.2 PERMITTED ACTIVITIES

Waste Transfer Station

- 2.2.1 As noted in Section 1.1.5, SUEZ currently operates a waste transfer station at the site. It is proposed that this activity is retained as part of the variation to the environmental permit.
- 2.2.2 The waste transfer station will comprise a building located to the west of the site and a canopy building to the south. The main transfer building will be used to process general municipal/residual black bag and bulky waste via shredding to produce a Refuse Derived Fuel (RDF) type product prior to despatch off site to a permitted Energy from Waste (EfW) facility. The building will also be used for the bulking of non-hazardous recyclable waste materials prior to transfer off site for recovery or disposal.
- 2.2.3 In addition to the transfer station building, there will be a canopy building comprising bulking bays located to the south of the site which will be used for the bulking of road sweepings, wood, hardcore/rubble, dry mixed recyclables, and green waste prior to transfer off site for recovery or disposal.
- 2.2.4 In accordance with Table S1.1 of the environmental permit, the operation of the waste transfer station will fall under the following Recovery and Disposal codes (R and D codes) shown in Table 1, provided for in Annex II to Directive 2008/98/EC of the European Parliament and The Council of 19th November 2008 Waste.

Table 1: R/D Codes for the Household, Commercial and Industrial Waste Transfer Station Facility

| R/D Code | Activity Description |
|----------|--|
| R3 | Recycling/reclamation of organic substances which are not used as solvents |
| R4 | Recycling/reclamation of metals and metal compounds |
| R5 | Recycling/reclamation of other inorganic materials |
| R13 | Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced). |

| | |
|-----|---|
| D15 | Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced) |
| D14 | Repackaging prior to submission to any of the operations numbered D1 to D13 |
| D9 | Physico-chemical treatment not specified elsewhere in Annex IIA which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D8 and D10 to D12 |

Material Recycling Facility

- 2.2.5 Under the current environmental permit SUEZ is allowed to operate a Material Recycling Facility at the site. It is the intention of SUEZ to retain this activity on site under the varied permit. Whilst there is currently no intention to operate Material Recycling should SUEZ opt to operate the MRF in the future then, activities pertaining to the materials recycling facility will occur within both the waste transfer station building and the canopy building on site.
- 2.2.6 In accordance with Table S1.1 of the environmental permit, the operation of the materials recycling facility will fall under the following Recovery and Disposal codes (R and D codes) shown in Table 2, provided for in Annex II to Directive 2008/98/EC of the European Parliament and The Council of 19th November 2008 Waste.

Table 2: R/D Codes for the Materials Recycling Facility

| R/D Code | Activity Description |
|----------|---|
| R3 | Recycling/reclamation of organic substances which are not used as solvents |
| R4 | Recycling/reclamation of metals and metal compounds |
| R5 | Recycling/reclamation of other inorganic materials |
| R13 | Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced) |

2.3 WASTE TYPES

- 2.3.1 A complete list of waste codes for the Waste Transfer Station and Materials Recycling Facility are provided in Appendix A.

2.4 WASTE QUANTITIES

Waste Transfer Station and Materials Recycling Facility

- 2.4.1 The Waste Transfer Station will have an annual throughput of 110,000 tonnes. Process Description
- Waste Transfer Station
- 2.4.2 General municipal/residual black bag and bulky waste will be tipped within the unshredded area of the main transfer station building before being pushed up by a loading shovel or suitable alternative mobile plant into the stockpile, prior to shredding.
- 2.4.3 Waste loaded into the shredder will be visually checked for non-conforming items (i.e., gas bottles etc) and any evidence of combustion before being placed into the plant. This will be carried out by the plant operative.

- 2.4.4 The shredding process will be undertaken within the main transfer station building and will produce an RDF type product which will be stockpiled in a designated area prior to despatch off site to a permitted EfW facility.
- 2.4.5 At the eastern end of the waste transfer station building, recyclable waste will be either be tipped directly into the bays or stockpiles or deposited on the hardstanding in front of the bays or stockpiles, where a loading shovel will be operated to move the material into bays or stockpiles. These waste materials will be stored and bulked on site prior to transfer off site for recovery or disposal. The materials in the bays will be removed from the site using bulking haulage vehicles. These vehicles will be loaded using site mobile plant and will be undertaken within the waste transfer station building.
- 2.4.6 In addition to the waste transfer station building, there will be bulking bays located to the south of the site. The bays will be situated within a canopy building that's enclosed on three sides. Materials will be delivered to the site in RCV's or tipping vehicles and either end tipped directly into the bays or deposited on the hardstanding in front of the bays, where a loading shovel will be operated to move the material into bays.
- Materials Recycling Facility
- 2.4.7 The Materials Recycling Facility involves the physical treatment of non-hazardous wastes for recovery and involves the sorting and segregation of a variety of mixed recyclates including textiles, paper, cardboard, and other packaging.
- 2.4.8 These waste materials will then be stored and bulked on site prior to transfer off site for recovery or disposal. The materials in the bays will be removed from the site using bulking haulage vehicles. These vehicles will be loaded using site mobile plant.
- 2.4.9 As previously stated, the waste canopy building will be used solely for the bulking of road sweepings, wood, hardcore/rubble, dry mixed recyclables, and green waste prior to transfer off site for recovery or disposal.

2.5 WASTE STORAGE

Waste Transfer Station

- 2.5.1 All waste will be stored within the waste transfer station building or the canopied bulking bay facility. The WTS building will be equipped with roller shutter doors which will minimise the risk of dust emissions from escaping into the atmosphere.

Materials Recycling Facility

- 2.5.2 All waste will be stored within the waste transfer station and the canopied bulking bay building. The materials stored within the canopied building are not liable to cause nuisance and the building faces the opposite direction to the primary wind direction.
- 2.5.3 Further, the waste stored within the canopy will be stored for a maximum of 72 hours. Whilst road sweepings will be stored in the canopy building, the building will be enclosed on three sides, this alongside the WSW wind direction and the short residency times result in the risk of dust emissions being minimised.

2.6 OPERATING HOURS

- 2.6.1 The operation of the waste transfer station will operate in accordance with the hours that are stipulated under the existing planning permissions which are as follows: -
- Waste processing: 06:00 - 23:00 Monday to Sunday;
 - Waste Reception: 07.00 – 19:00 Monday to Saturday; and,

- Waste Reception: 07:00 – 13:00 Sundays and Bank Holidays.

2.7 PLANT AND EQUIPMENT

- 2.7.1 In terms of mobile plant, the waste transfer station and MRF will mainly utilise forklift trucks, 360 grab, and loading shovels.
- 2.7.2 Additionally, the WTS will operate a shredder, this will solely be used within the WTS building.
- 2.7.3 As a function of the Environmental Management System, the performance of all plant and equipment will be reviewed in comparison to other models that may be available on the market. If there happens to be other models available that perform more efficiently than the site’s existing plant and is financially feasible, SUEZ may decide to change their existing plant and equipment. As part of the process, SUEZ will ensure that all non-road going vehicles will have a minimum emission rating of Euro VI. As such, the brand, make, model and specification of the mobile plant and equipment that will be used on site is expected to vary throughout the operational life of the facility.
- 2.7.4 Only personnel who are trained and licensed to operate and carry out maintenance will do so.
- 2.7.5 All plant and equipment will be maintained in accordance with a preventative maintenance programme which will be defined by the manufacturer’s requirements. This will ensure that the integrity and operational efficiency of all plant and equipment is maintained and therefore minimise the risk of mechanical failure which may result in increased dust emissions. This particular programme forms part of the site’s Environmental management System.
- 2.7.6 In addition, all plant and equipment will be visually inspected on a daily basis by the Site Manager (or a nominated deputy) prior to use. The purpose of this inspection is to identify any signs of defects that may affect the integrity and operational efficiency of the plant.
- 2.7.7 In the event that a defect is identified on any item of plant or equipment, the use of the plant/equipment will be suspended until the necessary remedial works have been undertaken.

2.8 DUST SENSITIVE RECEPTORS

- 2.8.1 Receptors within 1km of the proposed application boundary have been listed in Table 3 and are shown on Drawing Number SUEZ/B043732/REC/01.

Table 3: Receptors within 1km of the Site

| ID | Receptor | Direction from Operational Area | Minimum Distance from the Permit Application Boundary (approx. m) |
|---|---|---------------------------------|---|
| Domestic Dwellings | | | |
| 1 | Residential Properties in Lower Darwen | N | 420 |
| 2 | Residential properties Upper Darwen | SW | 505 |
| 3 | Properties off Roman Rd | SE | 525 |
| 4 | Property adjacent to Flash Brook (Roman Rd) | E | 425 |
| 5 | Properties off Johnson Rd | E | 735 |
| 6 | Residential Caravan Park | SW | 400 |
| Commercial and Industrial Premises | | | |

Darwen Resource Recovery Park
Dust Management Plan

| | | | |
|--|--|----|----------|
| 7 | Industrial premises off Lower Eccleshill Rd | W | 55 |
| 8 | Industrial premises off Commercial Rd | W | 490 |
| 9 | Industrial premises off Hollins Rd | W | 370 |
| 10 | Centurion Business Park | NE | 3995 |
| 11 | Industrial premises off Roman Road | NE | 790 |
| 12 | Industrial premises off Goose House Ln | SW | 220 |
| 13 | Clarence Street Car Breakers and Mercury Vehicles Deliveries | SW | 595 |
| 14 | Industrial premises off Riversway Dr | NW | 775 |
| 15 | G&J Booth | SE | 835 |
| 16 | GFW Limited & Valmet | E | 1000 |
| 17 | Darwen Wastewater Treatment Works | W | 345 |
| 18 | Pulford Dairy | E | 985 |
| 19 | Perspex International Chapels Park Plant | SW | 575 |
| 20 | Controlla Covers | S | 498 |
| 21 | Phoebes K9 Club | NE | 580 |
| Schools / Hospitals / Shops/Amenities | | | |
| 22 | Lower Darwen Primary School | NW | 815 |
| 23 | Hollins Grove Function Room | SW | 855 |
| 24 | The Hawkshaw Suite/Masonic Hall | SW | 840 |
| 25 | Oldfield Manor Crown Care Home | SW | 980 |
| 26 | St James' CE Primary Academy | S | 918 |
| 27 | Kittens Preschool | W | 945 |
| 28 | St Edwards Roman Catholic Primary School | W | 945 |
| 29 | Premier Inn Darwen South | NW | 820 |
| Recreation | | | |
| 30 | AFC Darwen | W | 660 |
| 31 | Square Meadow Community Sports Field | SE | 751 |
| 32 | Eccleshill playing Field | E | 730 |
| 33 | Play Space | N | 400 |
| 34 | Play Space | W | 820 |
| Highways or Minor Roads | | | |
| 35 | M65 | N | 320 |
| 36 | A666 Blackburn Rd | W | 990 |
| 37 | Railway line | W | 15 |
| Protected Habitats | | | |
| 38 | Deciduous Woodland | S | Adjacent |
| 39 | Deciduous Woodland | N | 83 |
| 40 | Deciduous Woodland, Lower Eccleshill Rd | W | 260 |
| 41 | Deciduous Woodland | W | 375 |

| | | | |
|---|---|----|----------|
| 42 | Deciduous Woodland, Hollins Grove/ Goose House Lane | SW | 195 |
| 43 | Deciduous Woodland, Hollins Grove/ Goose House Lane | SW | 425 |
| 44 | Deciduous Woodland, Goose House Lane | SW | 225 |
| 45 | Deciduous Woodland, Davy Field Brook | N | 300 |
| 46 | Deciduous Woodland, Light Brown St | S | 725 |
| 47 | Deciduous Woodland, M65 | NE | 635 |
| Listed Buildings and Scheduled Monuments | | | |
| 48 | Lower Chapel, Listed II Building | S | 690 |
| 49 | Church Of St James, Listed II Building | S | 835 |
| 50 | Manor House Farm Cottage, Listed II Building | SE | 535 |
| 51 | Davy Field, Roman Rd | E | 540 |
| 52 | Church Of St Cuthbert | SW | 830 |
| Sensitive Land Uses | | | |
| 53 | Allotments | SE | 560 |
| 54 | Allotments (Snape Street Street) | SW | 740 |
| 55 | Allotments | SW | 835 |
| 56 | Polyphemus Wood | SE | 95 |
| Surface Water e.g. rivers and streams | | | |
| 57 | Davyfield Brook | N | 285 |
| 58 | Flash Brook | NE | 187 |
| 59 | Alum House Brook | W | 415 |
| 60 | Pond | SW | 500 |
| Nature and Heritage Screening Results | | | |
| 61 | Sunnyhurst Wood (Local Nature Reserve) | SW | 975 |
| 62 | Eccleshill Old Iron Works (Local Wildlife Sites) | N | Adjacent |
| 63 | Flash Brook Fields (Local Wildlife Sites) | NE | 300 |
| 64 | European Eel (Anguilla Anguilla) – Davy Field Brook | N | 300 |
| 65 | Protected Fish - Bullhead - Alum House Brook | NW | 355 |
| 66 | Lower Eccleshill Marsh | N | 235 |
| Groundwater (sensitivity) | | | |

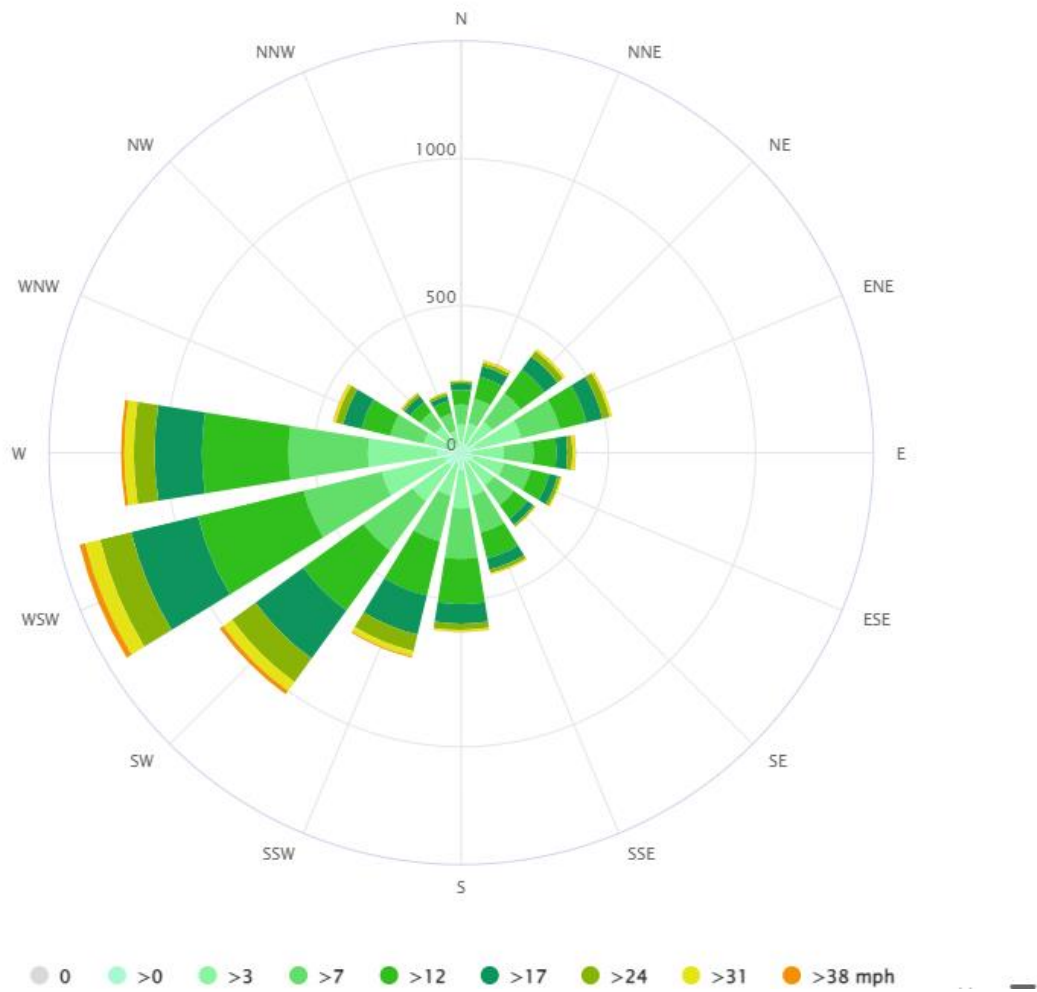
According to the Multi-Agency Geographic Information for the Countryside's (MAGIC) website, the site is not situated within a Groundwater Source Protection Zone. The MAGIC website also indicates that the site is designated as a Secondary A aquifer.

2.9 PREVAILING WIND DIRECTION

- 2.9.1 The prevailing wind direction will determine which receptors will be affected and at what frequency.
- 2.9.2 Meteorological data has been used from Darwen, available at www.meteoblue.com which is considered to be representative of conditions within the vicinity of the application site. According to the wind rose data for the area, the prevailing wind direction in the local area is from the West Southwest (SW) as shown in Figure 1 below.

2.9.3 As such, areas at most risk from dust emissions, should it occur, are therefore located northeast (NE) of the site.

Figure 1: Wind Rose Data for Darwen



3.0 ROLES AND RESPONSIBILITIES

3.1 RESPONSIBILITY FOR THE IMPLEMENTATION OF THE DMP

- 3.1.1 The implementation and dissemination of this DMP will be the responsibility of the Site Manager, supported by other staff. The Site Manager can delegate certain tasks as required, although ultimate responsibility will remain with them.
- 3.1.2 A nominated deputy will be appointed for all times when the Site Manager is not on site. In such circumstances, it will be the nominated deputy's responsibility to ensure that the requirements of the DMP are adhered to.
- 3.1.3 All site staff will receive instructions on how the plan is to be implemented during toolbox talks on site.
- 3.1.4 This document forms part of the site's Environmental Management System (EMS) and will be reviewed on an annual basis to ensure that it is fit for purpose and meets the requirements of current guidance.

3.2 STAFF TRAINING

- 3.2.1 Staff training will be a key aspect of ensuring that dust can be controlled through effective management during daily operations. All site operatives will therefore be trained via toolbox talks to deal with dust management issues. Annual refresher toolbox talks will ensure that the requirements of the DMP are reinforced.

3.3 MAINTENANCE

- 3.3.1 SUEZ's Emergency Preparedness and Response procedures provide a clear structure of responsibility which allows operational staff to call in specialist contractors to deal with emergencies and unplanned events which may lead to a dust impact. For occasions when the manager is off site then the nominated deputy will be authorised to take appropriate action.
- 3.3.2 A list of approved repair contractors will be maintained on the company's intranet and all staff with delegated responsibility should be aware of this list.
- 3.3.3 In line with SUEZ's Policies and Procedures, if a part of the site infrastructure fails and cannot be fixed within 24 hours then a Corrective Action Request (CAR) will be raised on SUEZ's COMPAS system.
- 3.3.4 If maintenance is required on the key dust control measures, then the Environment Agency will be informed, and the site will increase the use of water suppression. Repairs will be initiated and completed as soon as possible. SUEZ's IMS checklist include checks on site infrastructure, which will allow preventative maintenance to be carried out.

3.4 SUBCONTRACTORS

- 3.4.1 All sub-contractors working at, or delivering waste to the site, will be subject to the requirements of the DMP. It is the site manager's responsibility to inform sub-contractors of their responsibilities on site. Failure to comply with dust control measures will result in a Notice of Infringement being issued to the operative and their employer. Further failures to comply may result in that person being banned indefinitely from all SUEZ sites.

4.0 SOURCES AND CONTROL OF DUST

4.1 LOCAL CONTRIBUTORS

4.1.1 The Environment Agency’s public register indicates that there are four permitted facilities within 1km of the site that may be considered as a local contributor to dust emissions. Details of these facilities are provided in Table 4 below and are identified on Drawing Number SUEZ/B043732/REC/01.

Table 4: Local Contributors of Dust within 1km of the Site

| Name of Site | Name of Operator | Site Address | Site Type | Environmental Permit Reference |
|---|---|--|--|--------------------------------|
| Broadbent Autos | Wellskye Limited | Land / Premises At, Goose House Road, Darwen, Lancashire, BB3 0EH | A19: Metal Recycling Site (Vehicle Dismantler) | EPR/LB3301FB |
| Berrys Auto Salvage | Antony Berry | Unit 2 Higher Clarence St Ind Est, Higher Clarence Street, Darwen, Lancashire, BB3 1HQ | SR2011 No3: Vehicle Depollution Facility | EPR/DB3200XG |
| Davyfield Depot (Blackburn Borough Council T S) | Blackwater Valley & Hart Primary Care Trust | Land/premises At, Davyfield Road, Blackburn, Lancashire, BB1 2LX | A11: Household, Commercial & Industrial Waste Transfer Station | EPR/WP3291CD |
| Clarence Streetcar Breakers | Paul Fitzsimmons | Clarence Streetcar Breakers, Clarence Street, Darwen, Blackburn, Lancashire, BB3 1HQ | A19: Metal Recycling Site (Vehicle Dismantler) | EPR/MP3397CP |

4.1.2 As detailed in Table 4, these waste facilities are regulated by environmental permits. As such, it is considered that any potential dust emissions from these facilities will be controlled by the conditions of the relevant environmental permits.

4.1.3 These facilities fall out of the control of SUEZ’s waste activities on site however, any observations of such activities will be noted in the site diary.

4.2 SOURCES AND CONTROL OF DUST AT THE SITE

4.2.1 The key aspects of the process which may lead to dust emissions are identified in Table 5 below and the control measures that will be used are detailed in Table 6.

Table 5: Source-Pathway-Receptor Routes from Waste Activities at the Site

| Source | Pathway | Receptor | Type of impact |
|--------|--|------------------------------------|---|
| Mud | Tracking dust on wheels and vehicles, then mud dropping off wheels/vehicles when dry | Public highways listed in Table 3. | Visual soiling, also consequent resuspension as airborne particulates |
| Debris | Falling off waste delivery vehicles | Public Highways listed in Table 3. | Visual soiling, also consequent resuspension as airborne particulates |

| | | | |
|---|---|--|---|
| Tipping, storage and treatment of waste inside building | Escape from buildings and subsequent atmospheric dispersion | Occupiers of domestic dwellings listed in Table 3. Workforce in commercial and industrial properties listed in Table 3. Schools and amenities listed in Table 3. Priority habitats listed in Table 3. Statutory ecological habitats listed in Table 3. | Visual soiling and airborne particulates. |
| Tipping and storage of wastes in external bulking bays | Atmospheric dispersion | Occupiers of domestic dwellings listed in Table 3. Workforce in commercial and industrial properties listed in Table 3. | Visual soiling and airborne particulates |
| Vehicle exhaust emissions | Atmospheric dispersion | Schools and amenities listed in Table 3. Priority habitats listed in Table 3. Statutory ecological habitats listed in Table 3. | Airborne particulates |
| Non road going machinery exhaust emissions | Atmospheric dispersion | | Airborne particulates |

Table 6: Measures to Control Dust/Particulates from Permitted Waste Activities

| Abatement Measure | Description / Effect | Trigger for implementation |
|------------------------------|--|---|
| Preventative Measures | | |
| Enclosure within a building | General municipal/residual black bag and bulky waste will be accepted within the confines of a building. This building benefits from roller shutter doors which will be kept closed when not in use (i.e., arrival or departure of vehicles) and during non-operational hours. In addition, pedestrian doors are also closed when not in direct use. This will minimise the risk of dust to impact receptors beyond the site boundary. | All preventative measures will be implemented during the operating hours detailed in Section 2.7. |
| Canopied Bulking Bays | The canopied bulking bays will be enclosed on three sides with an opening to the northwest. This opening works with the south westerly wind direction to ensure that any dust generated on site is not transported off site or liable to impact sensitive receptors. The waste stored within the canopy will be stored for a maximum of 72 hours thus are unlikely to accumulate or generate dust. The canopy in place over the bulking bays, ensures that dust build up is minimised. | |

| | |
|------------------------------------|---|
| Use of shredder | The shredder will be located within the Waste Transfer Station building. This building benefits from roller shutter doors which will be kept closed when not in use (i.e., arrival or departure of vehicles) and during non-operational hours. In addition, pedestrian doors are also closed when not in direct use. This minimises the risk of dust, which may arise from the shredding process, impacting receptors. |
| Site speed limit | Vehicle speeds will be limited on site and the access road to 10mph to prevent suspension and entrainment of dust. Clear signage is established on the site to reinforce the speed limit. |
| No-idling policy | A 'No-idling policy' is in place at the site which requires all vehicles and plant to be switched off when not in use. All vehicles delivering waste to the site will be directed to the waste delivery area, where they will deposit the wastes and then leave the site. |
| Minimising drop heights for waste | Drop heights will be minimised as much as practicable to reduce the generation of dust whilst waste is being deposited. |
| Site surfacing | The site's surface comprises a combination of hardstanding and impermeable concrete surface. The site surfacing will be visually inspected on a weekly basis to ensure that all areas provide a smooth-running surface. In the event that any damage is identified on the site's surfacing, necessary remedial work will be undertaken as soon as possible. If possible, the area may also be closed off until the necessary remedial works have been undertaken. |
| Sheeting of vehicles | Wastes being delivered to the site will be covered or sheeted to prevent dust emissions whilst the waste is in transit. |
| Maintenance of Plant and Equipment | All plant and equipment will be maintained in accordance with the manufacturer's requirements. This will minimise the risk of mechanical failure which may result in increased dust emissions. In addition, all plant and equipment will be subject to visual checks on a daily basis prior to use to ensure that the equipment functions correctly. In the event that any damage is identified on any plant or equipment that may affect its performance, necessary remedial work will be completed as soon as practicable. If necessary, defective plant or equipment may be isolated/closed off for use until the necessary remedial works have been undertaken. With regards to cleaning equipment (i.e. road sweeper), arrangements will be made to employ alternative equipment. |
| Good Housekeeping | Routine high standards of housekeeping will be maintained. This will include: - <ul style="list-style-type: none"> • Prompt clearance of all spillages; • Maintenance of impermeable surfaces within the site and roadways. The site surface is assessed as part of the site daily checks; • The ongoing maintenance and sweeping of any site surfaced area to ensure they remain free from dust generating materials, in addition to the water |

| | | |
|--|---|--|
| | spraying of site hardstanding during dry conditions; and, <ul style="list-style-type: none"> • Routine maintenance to all plant, equipment. The Site Manager must ensure that any infrastructure or equipment issues that cannot be resolved within 24 hours of detection are logged on SUEZ's Compliance and Audit System (COMPAS) as a manual Corrective Action Request (CAR). | |
|--|---|--|

4.3 DUST MONITORING

- 4.3.1 Visual dust monitoring is continually assessed by all staff present on site throughout the day and any dust emissions identified are reported to the site management for investigation.
- 4.3.2 Visual Dust monitoring at the site comprises daily onsite dust checks which are recorded on the Integrated Management System (IMS) daily/weekly checklist which is provided as Appendix B or the Vision App (SUEZ internal logging system). These checks are completed by the Site Manager or a designated, trained person.
- 4.3.3 Any dust identified must be clearly marked on the inspection form and an assessment made of the extent and intensity of any dust generated using the following scale.

Table 7: Dust Assessment Scale

| Intensity | |
|-----------|---|
| None | No dust |
| Low | Small amounts of dust generated from activities (only just visible) |
| Medium | Moderate amounts of dust generated from activities (easily visible but no plume forming) |
| High | Dust plumes visible |
| Extent | |
| None | No dust |
| Low | Dust visible from activities but not travelling far (<5m) or binding to people/property |
| Medium | Dust visible from activities and reaching but not leaving site boundary or binding to people/property |
| High | Dust visible from activities and escaping site boundary and binding to people/property |

- 4.3.4 The intensity and extent of any dust generated is then recorded on the back of the daily/weekly IMS checklist and action is undertaken.
- 4.3.5 Any outcome of the reviews and actions taken are recorded on the IMS checklist.

4.4 WEATHER CONDITIONS

- 4.4.1 A weather station is located at the facility and is used to record meteorological conditions to aid in assistance with any dust assessments and investigations. Observations will be detailed in the Site Diary. The Site Manager will be responsible for monitoring weather conditions, in particular forecast wind speed, wind direction and temperature. Site activities will be planned with respect to weather conditions.

4.5 TRIGGER LEVELS

- 4.5.1 The potential for dust risk will be influenced by operations carried out on site, and associated dust mitigation measures but also through external factors such as weather conditions.
- 4.5.2 Distinction is drawn between those measures which should be adopted all the time, termed ‘base measures’ such as speed limit on site and those that should be adopted when dust will start to have a detrimental impact.
- 4.5.3 Quantitative trigger levels (relating to temperature, wind speed and wind direction) for the implementation of enhanced measures have not been specified as this is unlikely to be a significant influence as the operation is undertaken within enclosed areas and this is a combination of all the factors describe below. Instead, the weather conditions will likely increase the risk of a dust impact. It will be the responsibility of the site manager or the senior member of staff on site to decide when this level has been reached. The following factors will be taken into account: -
- Wind speed;
 - Wind direction;
 - Temperature;
 - Waste on site (material condition, quantity, and type); and,
 - Site observations.

5.0 REPORTING AND COMPLAINTS RESPONSE

5.1 INVESTIGATIONS AND RECORDS

- 5.1.1 All complaints and queries received at the facility or via the regulatory bodies including the Environment Agency and Local Authority will be logged in accordance with the integrated management system as soon as practicably possible. Where possible, as much information and detail about the complaint will be recorded, whether this is from the relevant authority or complaint direct to site. All complaints logged will be subject to investigation and complainants responded to as necessary following completion of the investigation. All responses will be through trained and experienced staff.
- 5.1.2 Complaints management will be undertaken in line with IMS – Amenity Complaints. The first stage of complaints investigations is to complete a basic screening exercise to determine if the site is the likely cause and if further, more detailed investigations are required. Once determined that further investigations are needed an off-site and on-site dust investigations are carried out using the Amenity Complaint Investigation Form included within Appendix C.
- 5.1.3 Complaint investigations are carried out by site management.
- 5.1.4 Should a complaint be received out of operational hours of a current / ongoing issue then site management shall try to attend site as soon as possible to carry out an investigation, dependent upon availability.
- 5.1.5 Where necessary, the Environment Agency shall be informed of the investigation findings so they can relay this back to the complainant.
- 5.1.6 SUEZ will ensure that the complainant has relevant contact details for the site (i.e. the Site Manager). SUEZ will be in regular contact with the complainant and / or the EA where necessary, whilst any dust issue is being investigated or remediated.
- 5.1.7 An evaluation of the effectiveness of the techniques used will be carried out on completion of any remedial measures or if the complaints persist. Records of the above will be retained by site for future reference. Operation will stop if remedial measures are not effective at preventing dust emissions.

5.2 NON-CONFORMANCES AND COMPLAINTS

- 5.2.1 The investigation will determine the source of the complaint and then the cause of the dust.
- 5.2.2 If dust emissions can be directly related to the site, corrective actions will be identified and programmed for remediation. Actions taken in response to any dust complaint will be recorded on the Amenity Complaint Investigation form.
- 5.2.3 Corrective action procedures are documented in IMS – Non-conformance, Corrective and Preventive Actions. A list of all policies and procedures is included in the Site Management Plan, which forms part of the Environmental Permit.
- 5.2.4 If remediation cannot be completed within 24 hours, then the non-conformance and remedial actions shall be raised on the SUEZ Compliance and Audit System (COMPAS).
- 5.2.5 SUEZ operates an open communication policy with residents and businesses surrounding its sites and will engage with them if deemed necessary.
- 5.2.6 If necessary, following received complaints, SUEZ will engage and communicate with its neighbours to improve understanding of possible dust issues. This will include detailing the efforts being undertaken to control dust; and importantly the actions being taken in response to their complaints.

5.3 DUST COMPLAINTS AND MANAGEMENT REVIEW

- 5.3.1 All complaints will be investigated immediately by the Site Management and EIR Manager including but not limited to a review of the number of complaints, weather conditions, investigations and remediation works. If required, the Site Management Plan and DMP shall be updated to reflect any changes made to the management procedures in site following the review.
- 5.3.2 Site Management and the EIR Manager will review all procedures for the facility against other SUEZ operations and management procedures as well as industry practice, guidance, and legislation to ensure continued best practice is carried out at the facility. Any amendments to practices on site will be reflected in updates of the DMPs.
- 5.3.3 All dust complaints are reported to the EIR Department via the EIR Manager and where applicable communicated to relevant parties within SUEZ as part of the EIR Department's monthly review.

5.4 MEANS OF CONTACT

- 5.4.1 The site will be readily contactable to outside organisations and to members of the public. The site signage board (placed in a readily visible location) contains the necessary contact details for both the site operations and Environment Agency.

6.0 CONTINGENCY ACTIONS

6.1 DUST MATRIX

6.1.1 Should any dusts, fibres or particulates be identified during the routine daily dust monitoring then the intensity and extent should be recorded as outlined in Section 4.3.

6.1.2 The results of the assessment should be reviewed against the dust contingency matrix detailed below to aid in identifying the appropriate level of remedial actions to be undertaken.

Table 8: Dust Contingency Matrix

| | | Extent | | |
|-----------|--------|-----------------------------------|---|---|
| | | Low | Medium | High |
| Intensity | Low | No action | Review suppression | Review Operations & suppression |
| | Medium | Review suppression | Review Operations and Suppression | Cease processing, review operations and suppression |
| | High | Review operations and suppression | Cease processing, review operations and suppression | Cease processing and take immediate measure to stop emissions |

6.1.3 The level of remedial actions will be dependent upon site conditions at the time such as weather conditions and the operations being undertaken.

6.1.4 Remedial action may include but not be limited to: -

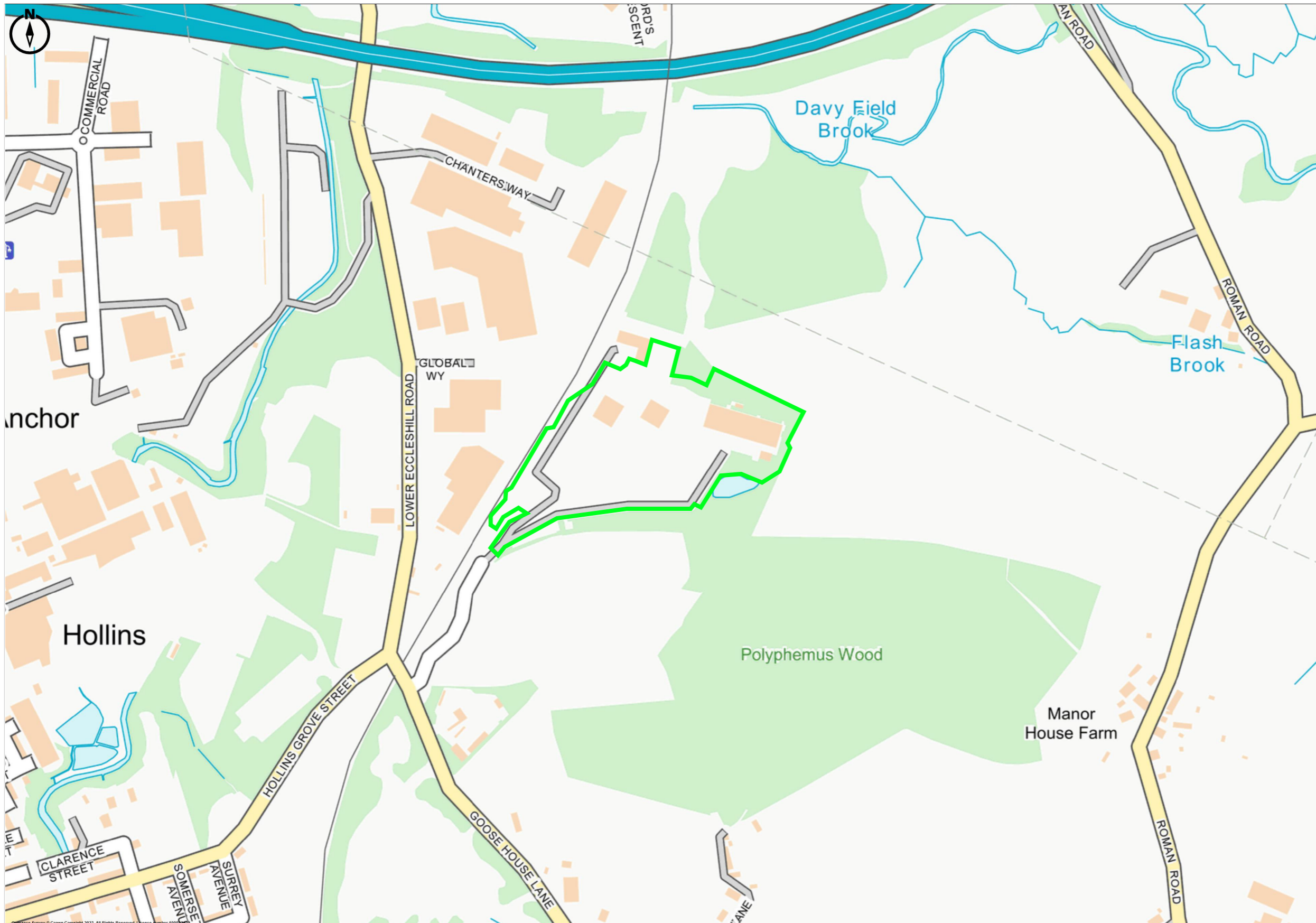
- Suspension of processing;
- Water suppression techniques; and,
- Site area being watered down through use of hosepipe.

6.1.5 Once dust suppression measures have been implemented, dust levels will be re-assessed to confirm that the controls measures in place are effective. If dust is still visible enhance suppression will take place until the site manager is confident that the control measures in place are effective.

DRAWINGS

Environmental Permit Boundary - SUEZ/B043732/PER/01

Receptor Plan - SUEZ/B043732/REC/01



Client:
SUEZ Recycling and Recovery UK Ltd

Project: Darwen Resource Recovery Park

Title: Permit Boundary Plan

Drawing No: SUEZ/B043732/PER/01

Created: GA


Checked: AB

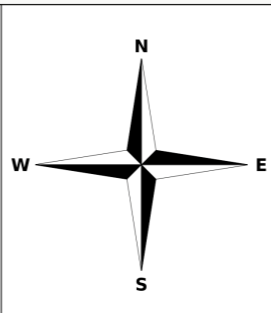
Date: 09/05/2024

Version: 1

Scale: 1:25,000

Key:

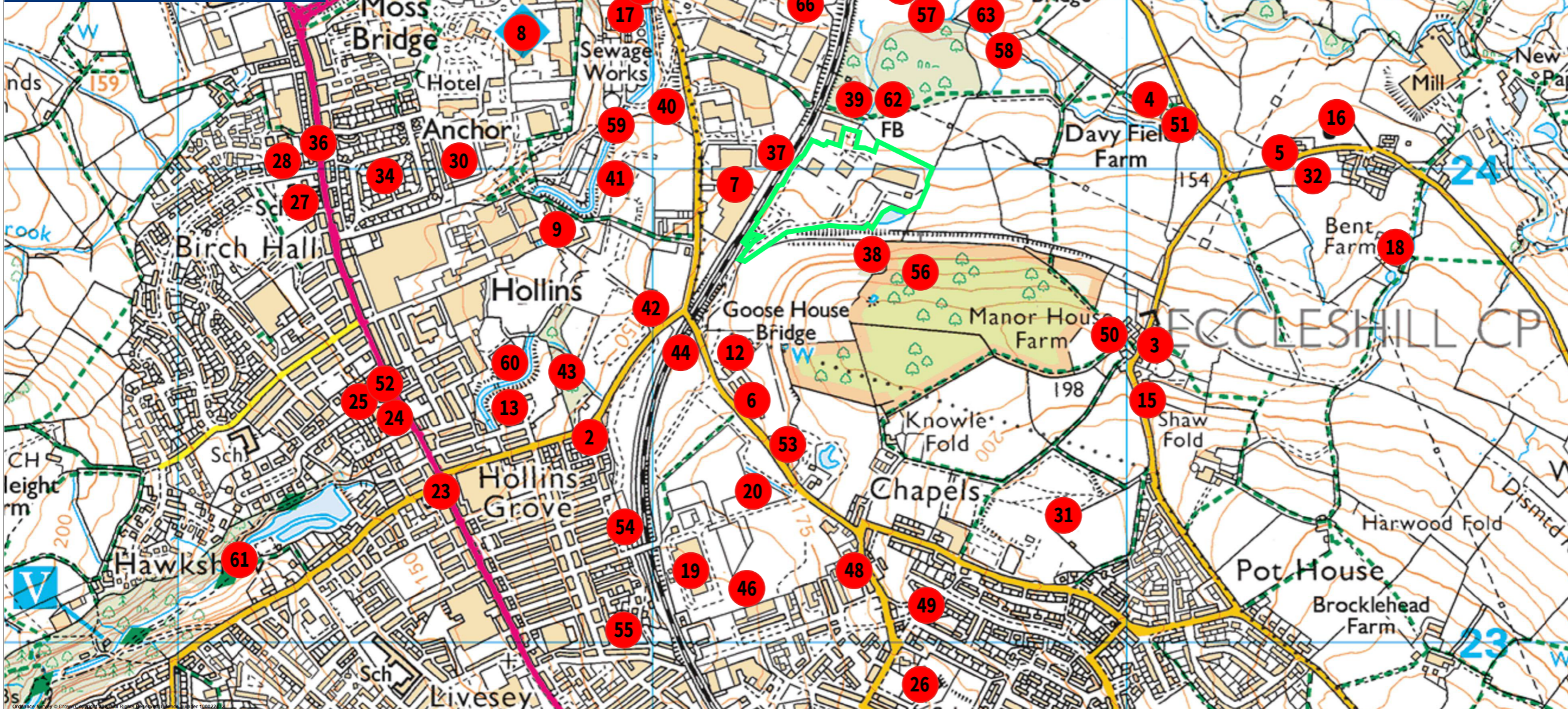
 ENVIRONMENTAL PERMIT BOUNDARY



2nd Floor,
11 York Street,
Manchester,
M2 2AW
+44 161 874 4659



| Sensitive Land Uses | |
|---------------------------------------|---|
| 53 | Allotments |
| 54 | Allotments (Snape Street Street) |
| 55 | Allotments |
| 56 | Polyphemus Wood |
| Surface Water e.g. rivers and streams | |
| 57 | Davyfield Brook |
| 58 | Flash Brook |
| 59 | Alum House Brook |
| 60 | Pond |
| Nature and Heritage Screening Results | |
| 61 | Sunnyhurst Wood (Local Nature Reserve) |
| 62 | Eccleshill Old Iron Works (Local Wildlife Sites) |
| 63 | Flash Brook Fields (Local Wildlife Sites) |
| 64 | European Eel (Anguilla Anguilla) - Davy Field Brook |
| 65 | Potected Fish - Bullhead - Alum House Brook |
| 66 | Lower Eccleshill Marsh |






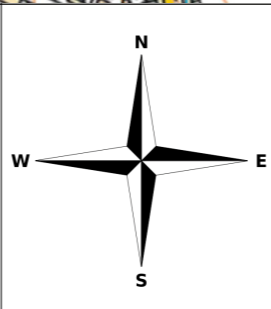
| ID | Receptor |
|---|--|
| Domestic Dwellings | |
| 1 | Residential Properties in Lower Darwen |
| 2 | Residential properties Upper Darwen |
| 3 | Properties off Roman Rd |
| 4 | Property adjacent to Flash Brook (Roman Rd) |
| 5 | Properties off Johnson Rd |
| 6 | Residential Caravan Park |
| Commercial and Industrial Premises | |
| 7 | Industrial premises off Lower Eccleshill Rd |
| 8 | Industrial premises off Commercial Rd |
| 9 | Industrial premises off Hollins Rd |
| 10 | Centurion Business Park |
| 11 | Industrial premises off Roman Road |
| 12 | Industrial premises off Goose House Ln |
| 13 | Clarence Street Car Breakers and Mercury Vehicles Deliveries |
| 14 | Industrial premises off Riversway Dr |
| 15 | G&J Booth |
| 16 | GFW Limited & Valmet |
| 17 | Darwen Wastewater Treatment Works |
| 18 | Pulford Dairy |
| 19 | Perspex International Chapels Park Plant |
| 20 | Controlla Covers |
| 21 | Phoebes K9 Club |
| Schools / Hospitals / Shops/Amenities | |
| 22 | Lower Darwen Primary School |
| 23 | Hollins Grove Function Room |
| 24 | The Hawkshaw Suite/Masonic Hall |
| 25 | Oldfield Manor Crown Care Home |
| 26 | St James' CE Primary Academy |
| 27 | Kittens Preschool |
| 28 | St Edwards Roman Catholic Primary School |
| 29 | Premier Inn Darwen South |
| Recreation | |
| 30 | AFC Darwen |
| 31 | Square Meadow Community Sports Field |
| 32 | Eccleshill playing Field |
| 33 | Play Space |
| 34 | Play Space |
| Highways or Minor Roads | |
| 35 | M65 |
| 36 | A666 Blackburn Rd |
| 37 | Railway line |
| Protected Habitats | |
| 38 | Deciduous Woodland |
| 39 | Deciduous Woodland |
| 40 | Deciduous Woodland, Lower Eccleshill Rd |
| 41 | Deciduous Woodland |
| 42 | Deciduous Woodland, Hollins Grove/ Goose House Lane |
| 43 | Deciduous Woodland, Hollins Grove/ Goose House Lane |
| 44 | Deciduous Woodland, Hollins Grove |
| 45 | Deciduous Woodland, Davy Field Brook |
| 46 | Deciduous Woodland, Light Brown St |
| 47 | Deciduous Woodland, M65 |
| Listed Buildings and Scheduled Monuments | |
| 48 | Lower Chapel, Listed II Building |
| 49 | Church Of St James, Listed II Building |
| 50 | Manor House Farm Cottage, Listed II Building |
| 51 | Davy Field, Roman Rd |
| 52 | Church Of St Cuthbert |

Client: SUEZ Recycling and Recovery UK Ltd
 Project: Darwen Resource Recovery Park
 Title: Receptor Plan
 Drawing No: 784-B043732

Created: GA
 Checked: AB
 Date: 07/07/2023
 Version: 1
 Scale: 1:25,000

Key:

-  ENVIRONMENTAL PERMIT BOUNDARY
-  RECEPTOR LOCATION
-  Wind Rose Direction (S/SW)



2nd Floor,
 11 York Street,
 Manchester,
 M2 2AW
 +44 161 874 4659


APPENDIX A - PROPOSED WASTE TYPES

Table A1: Waste Types for Anaerobic Digestion Plant

| Waste Code | Description |
|-------------------|---|
| 02 | Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing. |
| 02 01 | Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing |
| 02 01 01 | Sludges from washing and cleaning – vegetables, fruit and other crops |
| 02 01 02 | Animal tissue waste |
| 02 01 03 | Plant tissue waste |
| 02 01 06 | Animal faeces, urine and manure (including spoiled straw) only |
| 02 01 07 | Wastes from forestry |
| 02 01 99 | Wastes not otherwise specified – spent mushroom compost from commercial mushroom growing only |
| 02 02 | Wastes from the preparation and processing of meat, fish and other foods of animal origin |
| 02 02 01 | Sludges from washing and cleaning |
| 02 02 02 | Animal tissue waste |
| 02 02 03 | Materials unsuitable for consumption or processing |
| 02 02 04 | Sludges from on-site effluent treatment |
| 02 02 99 | Sludges from gelatine production and animal gut contents only |
| 02 03 | Wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation |
| 02 03 01 | Sludges from washing, cleaning peeling, centrifuging and separation (including sludge from production of edible fats and oils, seasoning residues, molasses residues, residues from production of potato, corn or rice starch only) |
| 02 03 04 | Materials unsuitable for consumption or processing |
| 02 03 05 | Sludges from on-site effluent treatment |
| 02 04 | Wastes from sugar processing |
| 02 04 01 | Soils from washing and cleaning beet |
| 02 04 03 | Sludges from on-site effluent treatment |
| 02 04 99 | Other biodegradable wastes, allowed only if no chemical agents added and no toxin residues |
| 02 05 | Wastes from the dairy products industry |
| 02 05 01 | Wastes from the dairy products industry |
| 02 05 02 | Sludges from on-site effluent treatment |
| 02 06 | Wastes from the baking and confectionery industry |
| 02 06 01 | Materials unsuitable for consumption or processing |
| 02 06 03 | Sludges from on-site effluent treatment |

| | |
|--------------|---|
| 02 07 | Wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa) |
| 02 07 01 | Wastes from washing, cleaning and mechanical reduction of raw materials |
| 02 07 02 | Wastes from spirits distillation |
| 02 07 04 | Materials unsuitable for consumption or processing |
| 02 07 05 | Sludges from on-site effluent treatment – sludges from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa) |
| 02 07 99 | <ul style="list-style-type: none"> • Malt husks, malt sprouts, malt dust • Spent and sludge from breweries • Sludge from wine making <p>Waste types in this section allowed if biodegradable material only, no chemical agents added</p> |
| 04 | WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES |
| 04 02 | Waste from the textile industry |
| 04 02 10 | Organic matter from natural products such as grease and wax |
| 07 | WASTE FROM ORGANIC CHEMICAL PROCESSES |
| 07 01 | Wastes from the manufacture, formulation, supply and use of basic organic chemicals |
| 07 01 08 | Glycerol waste from bio-diesel manufacture from non-waste vegetable oils |
| 15 | WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED |
| 15 01 | Waste packaging, absorbents, filter materials, wiping cloths and protective clothing |
| 15 01 01 | Paper and cardboard packaging (excluding veneers, plastic coatings or laminates) certified to EN 13432 or equivalent certified compostable standard |
| 15 01 02 | Plastic packaging – compostable plastics only certified to EN 13432 or equivalent certified compostable or digestible standard |
| 15 01 03 | Wooden packaging – virgin timber only |
| 15 01 05 | Composite packaging meeting EN 13432 or equivalent certified compostable or digestible standard |
| 15 02 | Absorbents, filter materials, wiping cloths and protective clothing |
| 15 02 03 | Absorbents, filter materials and cloths from the production of alcoholic and non-alcoholic beverages other than those mentioned in 15 02 02 made from compostable material only |
| 16 | WASTES NOT OTHERWISE SPECIFIED IN THE LIST |
| 16 10 | Aqueous liquid waste destined for off-site treatment |
| 16 10 02 | Untreated wash waters from cleaning fruit and vegetables on farm only |
| 16 10 02 | Milk and dairy waste milk from agricultural premises only |
| 16 10 02 | Liquor or leachate from a composting process that accepts waste input types listed in these standard rules or composting and anaerobic digestion standard rules only and in compliance with Animal By Products Regulations |
| 19 | Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use |

| | |
|--------------|--|
| 19 02 | Wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation) |
| 19 02 03 | Premixed wastes composed from waste listed within these standard rules only |
| 19 02 06 | Sludge types from waste listed within this table that have been heat treated only |
| 19 02 06 | Sludges from physico/chemical treatment other than those mentioned in 19 02 05 (sewage sludge which has been previously pasteurised and stabilised only) |
| 19 02 10 | Glycerol not designated as hazardous – excludes 19 02 08 |
| 19 05 | Wastes from anaerobic treatment of solid wastes |
| 19 05 99 | Waste types in this section are allowed only if derived from input types allowed by the Anaerobic Digestion Quality Protocol |
| 19 06 | Wastes from anaerobic treatment of waste |
| 19 06 03 | Liquor from anaerobic treatment of municipal waste (from a process that treats wastes which are listed in this table only) |
| 19 06 04 | Digestate from anaerobic treatment of source segregated biodegradable waste (from a process that treats wastes which are listed in this table only) |
| 19 06 05 | Liquor from anaerobic treatment of animal and vegetable waste (from a process that treats wastes which are listed in this table only) |
| 19 06 06 | Digestate from anaerobic treatment of animal and vegetable waste (from a process that treats wastes which are listed in this table only) |
| 19 08 | Wastes from wastewater treatment works |
| 19 08 09 | Grease and oil mixture from oil and water separation containing only edible oils and fats |
| 19 08 12 | Sludges from biological treatment of industrial waste water (from a process that treats wastes which are listed in these standard rules only) |
| 19 12 | Waste from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified |
| 19 12 12 | Other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 |
| 20 | Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions |
| 20 01 | separately collected fractions (except 15 01) |
| 20 01 01 | Paper and cardboard (excluding veneers, plastic coatings or laminates) meeting EN 13432 or equivalent certified compostable or digestible packaging only |
| 20 01 08 | Biodegradable kitchen and canteen waste |
| 20 01 25 | Edible oil and fat |
| 20 02 | Garden and park wastes (including cemetery waste) |
| 20 02 01 | Biodegradable waste |
| 20 03 | Other municipal wastes |
| 20 03 01 | Mixed municipal waste |
| 20 03 02 | Waste from markets |

Table A2: Waste Codes for the Household, Commercial and Industrial Waste Transfer Station Facility

| EWC Code | Description |
|-----------------|---|
| 01 | WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS |
| 01 01 | Wastes from mineral excavation |
| 01 01 01 | Wastes from mineral metalliferous excavation |
| 01 01 02 | Wastes from mineral non-metalliferous excavation |
| 01 03 | Wastes from physical and chemical processing of metalliferous minerals |
| 01 03 06 | Tailings other than those mentioned in 01 03 04 and 01 03 05 |
| 01 03 09 | Red mud from alumina production other than the wastes mentioned in 01 03 07 |
| 01 04 | Wastes from physical and chemical processing of non-metalliferous minerals |
| 01 04 08 | Waste gravel and crushed rocks other than those mentioned in 01 04 07 |
| 01 04 09 | Waste sand and clays |
| 01 04 11 | Wastes from potash and rock salt processing other than those mentioned in 01 04 07 |
| 01 04 12 | Tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11 |
| 01 04 13 | Wastes from stone cutting and sawing other than those mentioned in 01 04 07 |
| 02 | WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING |
| 02 01 | Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing |
| 02 01 02 | Animal-tissue waste |
| 02 01 03 | Plant-tissue waste |
| 02 01 04 | Waste plastics (except packaging) |
| 02 01 06 | Animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site |
| 02 01 07 | Wastes from forestry |
| 02 01 09 | Agrochemical waste other than those mentioned in 02 01 08 (waste sands and clays) |
| 02 01 10 | Waste metal |
| 02 02 | Wastes from the preparation and processing of meat, fish and other foods of animal origin |
| 02 02 02 | Animal-tissue waste |
| 02 02 03 | Materials unsuitable for consumption or processing |
| 02 03 | Wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation |
| 02 03 02 | Wastes from preserving agents |
| 02 03 04 | Materials unsuitable for consumption or processing |
| 02 04 | Wastes from sugar processing |
| 02 04 01 | Soil from cleaning and washing beet |
| 02 04 02 | Off-specification calcium carbonate |
| 02 05 | Wastes from the dairy products industry |
| 02 05 01 | Materials unsuitable for consumption or processing |
| 02 06 | Wastes from the baking and confectionery industry |

Darwen Resource Recovery Park
Dust Management Plan

| | |
|--------------|--|
| 02 06 01 | Materials unsuitable for consumption or processing |
| 02 06 02 | Wastes from preserving agents |
| 02 07 | Wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa) |
| 02 07 01 | Wastes from washing, cleaning and mechanical reduction of raw materials |
| 02 07 02 | Wastes from spirits distillation |
| 02 07 04 | Materials unsuitable for consumption or processing |
| 03 | WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD |
| 03 01 | Wastes from wood processing and the production of panels and furniture |
| 03 01 01 | Waste bark and cork |
| 03 01 05 | Sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04 |
| 03 03 | Wastes from pulp, paper and cardboard production and processing |
| 03 03 01 | Waste bark and wood |
| 03 03 07 | Mechanically separated rejects from pulping of waste paper and cardboard |
| 03 03 08 | Wastes from sorting of paper and cardboard destined for recycling |
| 03 03 10 | Fibre rejects, fibre-, filler- and coating-sludges from mechanical separation |
| 04 | WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES |
| 04 01 | Wastes from the leather and fur industry |
| 04 01 08 | Waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium |
| 04 01 09 | Wastes from dressing and finishing |
| 04 02 | Wastes from the textile industry |
| 04 02 09 | Wastes from composite materials (impregnated textile, elastomer, plastomer) |
| 04 02 10 | Organic matter from natural products (for example grease, wax) |
| 04 02 15 | Wastes from finishing other than those mentioned in 04 02 14 |
| 04 02 22 | Wastes from processed textile fibres |
| 06 | WASTES FROM INORGANIC CHEMICAL PROCESSES |
| 06 09 | Wastes from the MSFU of phosphorous chemicals and phosphorous chemical processes |
| 06 09 02 | Phosphorous slag |
| 06 09 04 | Calcium-based reaction wastes other than those mentioned in 06 09 03 |
| 06 11 | Wastes from the manufacture of inorganic pigments and opacifiers |
| 06 11 01 | Calcium-based reaction wastes from titanium dioxide production |
| 07 | WASTES FROM ORGANIC CHEMICAL PROCESSES |
| 07 02 | Wastes from the MFSU of plastics, synthetic rubber and man-made fibres |
| 07 02 13 | Waste plastic |
| 08 | WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS |
| 08 01 | Wastes from MFSU and removal of paint and varnish |
| 08 01 12 | Waste paint and varnish other than those mentioned in 08 01 11 |
| 09 | WASTES FROM THE PHOTOGRAPHIC INDUSTRY |
| 09 01 | Wastes from the photographic industry |
| 09 01 07 | Photographic film and paper containing silver or silver compounds |
| 09 01 08 | Photographic film and paper free of silver or silver compounds |
| 09 01 10 | Single-use cameras without batteries |

| | |
|--------------|--|
| 09 01 12 | Single-use cameras containing batteries other than those mentioned in 09 01 11 |
| 10 | WASTES FROM THERMAL PROCESSES |
| 10 01 | Wastes from power stations and other combustion plants (except 19) |
| 10 01 01 | Bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04) |
| 10 01 05 | Calcium-based reaction wastes from flue-gas desulphurisation in solid form |
| 10 01 07 | Calcium-based reaction wastes from flue-gas desulphurisation in sludge form |
| 10 01 15 | Bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14 |
| 10 01 19 | Wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18 |
| 10 01 24 | Sands from fluidised beds |
| 10 02 | Wastes from the iron and steel industry |
| 10 02 01 | Wastes from the processing of slag |
| 10 02 02 | Unprocessed slag |
| 10 02 08 | Solid wastes from gas treatment other than those mentioned in 10 02 07 |
| 10 02 10 | Mill scales |
| 10 02 14 | Sludges and filter cakes from gas treatment other than those mentioned in 10 02 13 |
| 10 02 15 | Other sludges and filter cakes |
| 10 03 | Wastes from aluminium thermal metallurgy |
| 10 03 02 | Anode scraps |
| 10 03 05 | Waste alumina |
| 10 03 16 | Skimmings other than those mentioned in 10 03 15 |
| 10 03 18 | Carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17 |
| 10 03 24 | Solid wastes from gas treatment other than those mentioned in 10 03 23 |
| 10 03 26 | Sludges and filter cakes from gas treatment other than those mentioned in 10 03 25 |
| 10 03 28 | Wastes from cooling-water treatment other than those mentioned in 10 03 27 |
| 10 03 30 | Wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29 |
| 10 04 | Wastes from lead thermal metallurgy |
| 10 04 10 | Wastes from cooling-water treatment other than those mentioned in 10 04 09 |
| 10 05 | Wastes from zinc thermal metallurgy |
| 10 05 01 | Slags from primary and secondary production |
| 10 05 09 | Wastes from cooling-water treatment other than those mentioned in 10 05 08 |
| 10 05 11 | Dross and skimmings other than those mentioned in 10 05 10 |
| 10 06 | Wastes from copper thermal metallurgy |
| 10 06 01 | Slags from primary and secondary production |
| 10 06 02 | Dross and skimmings from primary and secondary production |
| 10 06 10 | Wastes from cooling-water treatment other than those mentioned in 10 06 09 |
| 10 07 | Wastes from silver, gold and platinum thermal metallurgy |
| 10 07 01 | Slags from primary and secondary production |
| 10 07 02 | Dross and skimmings from primary and secondary production |
| 10 07 03 | Solid wastes from gas treatment |
| 10 07 05 | Sludges and filter cakes from gas treatment |
| 10 07 08 | Wastes from cooling-water treatment other than those mentioned in 10 07 07 |
| 10 08 | Wastes from other non-ferrous thermal metallurgy |
| 10 08 09 | Other slags |

Darwen Resource Recovery Park
Dust Management Plan

| | |
|--------------|--|
| 10 08 11 | Dross and skimmings other than those mentioned in 10 08 10 |
| 10 08 13 | Carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12 |
| 10 08 14 | Anode scrap |
| 10 08 18 | Sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17 |
| 10 08 20 | Wastes from cooling-water treatment other than those mentioned in 10 08 19 |
| 10 09 | Wastes from casting of ferrous pieces |
| 10 09 03 | Furnace slag |
| 10 09 06 | Casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05 |
| 10 09 08 | Casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07 |
| 10 09 14 | Waste binders other than those mentioned in 10 09 13 |
| 10 09 16 | Waste crack-indicating agent other than those mentioned in 10 09 15 |
| 10 10 | Wastes from casting of non-ferrous pieces |
| 10 10 03 | Furnace slag |
| 10 10 06 | Casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05 |
| 10 10 08 | Casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07 |
| 10 10 14 | Waste binders other than those mentioned in 10 10 13 |
| 10 10 16 | Waste crack-indicating agent other than those mentioned in 10 10 15 |
| 10 11 | Wastes from manufacture of glass and glass products |
| 10 11 03 | Waste glass-based fibrous materials |
| 10 11 10 | Waste preparation mixture before thermal processing, other than those mentioned in 10 11 09 |
| 10 11 12 | Waste glass other than those mentioned in 10 11 11 |
| 10 11 14 | Glass-polishing and -grinding sludge other than those mentioned in 10 11 13 |
| 10 11 16 | Solid wastes from flue-gas treatment other than those mentioned in 10 11 15 |
| 10 11 18 | Sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17 |
| 10 12 | Wastes from manufacture of ceramic goods, bricks, tiles and construction products |
| 10 12 01 | Waste preparation mixture before thermal processing |
| 10 12 05 | Sludges and filter cakes from gas treatment |
| 10 12 06 | Discarded moulds |
| 10 12 08 | Waste ceramics, bricks, tiles and construction products (after thermal processing) |
| 10 12 10 | Solid wastes from gas treatment other than those mentioned in 10 12 09 |
| 10 12 12 | Wastes from glazing other than those mentioned in 10 12 11 |
| 10 13 | Wastes from manufacture of cement, lime and plaster and articles and products made from them |
| 10 13 01 | Waste preparation mixture before thermal processing |
| 10 13 04 | Wastes from calcination and hydration of lime |
| 10 13 07 | Sludges and filter cakes from gas treatment |
| 10 13 10 | Wastes from asbestos-cement manufacture other than those mentioned in 10 13 09 |
| 10 13 11 | Wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10 |
| 10 13 13 | Solid wastes from gas treatment other than those mentioned in 10 13 12 |
| 10 13 14 | Waste concrete and concrete sludge |
| 11 | WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO METALLURGY |
| 11 01 | Wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising) |

| | |
|--------------|---|
| 11 01 10 | Sludges and filter cakes other than those mentioned in 11 01 09 |
| 11 01 14 | Degreasing wastes other than those mentioned in 11 01 13 |
| 11 02 | Wastes from non-ferrous hydrometallurgical processes |
| 11 02 03 | Wastes from the production of anodes for aqueous electrolytical processes |
| 11 02 06 | Wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05 |
| 11 05 | Wastes from hot galvanising processes |
| 11 05 01 | Hard zinc |
| 11 05 02 | Zinc ash |
| 12 | WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS |
| 12 01 | Wastes from shaping and physical and mechanical surface treatment of metals and plastics |
| 12 01 01 | Ferrous metal filings and turnings |
| 12 01 03 | Non-ferrous metal filings and turnings |
| 12 01 05 | Plastics shavings and turnings |
| 12 01 13 | Welding wastes |
| 12 01 17 | Waste blasting material other than those mentioned in 12 01 16 |
| 12 01 21 | Spent grinding bodies and grinding materials other than those mentioned in 12 01 20 |
| 15 | WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED |
| 15 01 | Packaging (including separately collected municipal packaging waste) |
| 15 01 01 | Paper and cardboard packaging |
| 15 01 02 | Plastic packaging |
| 15 01 03 | Wooden packaging |
| 15 01 04 | Metallic packaging |
| 15 01 05 | Composite packaging |
| 15 01 06 | Mixed packaging |
| 15 01 07 | Glass packaging |
| 15 01 09 | Textile packaging |
| 15 02 | Absorbents, filter materials, wiping cloths and protective clothing |
| 15 02 03 | Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02 |
| 16 | WASTES NOT OTHERWISE SPECIFIED IN THE LIST |
| 16 01 | End-of-life vehicles from different means of transport [including off-road machinery] and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08) |
| 16 01 03 | End-of-life tyres |
| 16 01 12 | Brake pads other than those mentioned in 16 01 11 |
| 16 01 15 | Antifreeze fluids other than those mentioned in 16 01 14 |
| 16 01 17 | Ferrous metal |
| 16 01 18 | Non-ferrous metal |
| 16 01 19 | Plastic |
| 16 01 20 | Glass |
| 16 01 22 | Components not otherwise specified |
| 16 02 | Wastes from electrical and electronic equipment |
| 16 02 09* | Transformers and capacitors containing pcbs |
| 16 02 10* | Discarded equipment containing or contaminated by pcbs other than those mentioned in 16 02 09 |

Darwen Resource Recovery Park
Dust Management Plan

| | |
|--------------|--|
| 16 02 11* | Discarded equipment containing chlorofluorocarbons, HCFC, HFC |
| 16 02 13* | Discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12 |
| 16 02 14 | Discarded equipment other than those mentioned in 16 02 09 to 16 02 13 |
| 16 02 15* | Hazardous components removed from discarded equipment |
| 16 02 16 | Components removed from discarded equipment other than those mentioned in 16 02 15 |
| 16 03 | Off-specification batches and unused products |
| 16 03 04 | Inorganic wastes other than those mentioned in 16 03 03 |
| 16 03 06 | Organic wastes other than those mentioned in 16 03 05 |
| 16 05 | Gases in pressure containers and discarded chemicals |
| 16 05 05 | Gases in pressure containers other than those mentioned in 16 05 04 |
| 16 06 | Batteries and accumulators |
| 16 06 04 | Alkaline batteries (except 16 06 03) |
| 16 06 05 | Other batteries and accumulators |
| 16 11 | Waste linings and refractories |
| 16 11 02 | Carbon-based linings and refractories from metallurgical processes others than those mentioned in 16 11 01 |
| 16 11 04 | Other linings and refractories from metallurgical processes other than those mentioned in 16 11 03 |
| 16 11 06 | Linings and refractories from non-metallurgical processes others than those mentioned in 16 11 05 |
| 17 | CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES) |
| 17 01 | Concrete, bricks, tiles and ceramics |
| 17 01 01 | Concrete |
| 17 01 02 | Bricks |
| 17 01 03 | Tiles and ceramics |
| 17 01 07 | Mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06 |
| 17 02 | Wood, glass and plastic |
| 17 02 01 | Wood |
| 17 02 02 | Glass |
| 17 02 03 | Plastic |
| 17 03 | Bituminous mixtures, coal tar and tarred products |
| 17 03 02 | Bituminous mixtures other than those mentioned in 17 03 01 |
| 17 04 | Metals (including their alloys) |
| 17 04 01 | Copper, bronze, brass |
| 17 04 02 | Aluminium |
| 17 04 03 | Lead |
| 17 04 04 | Zinc |
| 17 04 05 | Iron and steel |
| 17 04 06 | Tin |
| 17 04 07 | Mixed metals |
| 17 04 11 | Cables other than those mentioned in 17 04 10 |
| 17 05 | Soil (including excavated soil from contaminated sites), stones and dredging spoil |
| 17 05 04 | Soil and stones other than those mentioned in 17 05 03 |

Darwen Resource Recovery Park
Dust Management Plan

| | |
|--------------|---|
| 17 05 06 | Dredging spoil other than those mentioned in 17 05 05 |
| 17 05 08 | Track ballast other than those mentioned in 17 05 07 |
| 17 06 | Insulation materials and asbestos-containing construction materials |
| 17 06 01* | Insulation materials containing asbestos |
| 17 06 04 | Insulation materials other than those mentioned in 17 06 01 and 17 06 03 |
| 17 06 05* | Construction materials containing asbestos |
| 17 08 | Gypsum-based construction material |
| 17 08 02 | Gypsum-based construction materials other than those mentioned in 17 08 01 |
| 17 09 | Other construction and demolition wastes |
| 17 09 04 | Mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03 |
| 18 | WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care) |
| 18 01 | Wastes from natal care, diagnosis, treatment or prevention of disease in humans |
| 18 01 01 | Sharps (except 18 01 03) |
| 18 01 02 | Body parts and organs including blood bags and blood preserves (except 18 01 03) |
| 18 01 04 | Wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example dressings, plaster casts, linen, disposable clothing, diapers) |
| 18 01 07 | Chemicals other than those mentioned in 18 01 06 |
| 18 01 09 | Medicines other than those mentioned in 18 01 08 |
| 18 02 | Wastes from research, diagnosis, treatment or prevention of disease involving animals |
| 18 02 01 | Sharps (except 18 02 02) |
| 18 02 03 | Wastes whose collection and disposal is not subject to special requirements in order to prevent infection |
| 18 02 06 | Chemicals other than those mentioned in 18 02 05 |
| 18 02 08 | Medicines other than those mentioned in 18 02 07 |
| 19 | WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION/INDUSTRIAL USE |
| 19 01 | Wastes from incineration or pyrolysis of waste |
| 19 01 02 | Ferrous materials removed from bottom ash |
| 19 01 12 | Bottom ash and slag other than those mentioned in 19 01 11 |
| 19 01 14 | Fly ash other than those mentioned in 19 01 13 |
| 19 01 18 | Pyrolysis wastes other than those mentioned in 19 01 17 |
| 19 01 19 | Sands from fluidised beds |
| 19 02 | Wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation) |
| 19 02 03 | Premixed wastes composed only of non-hazardous wastes |
| 19 02 10 | Combustible wastes other than those mentioned in 19 02 08 and 19 02 09 |
| 19 03 | Stabilised/solidified wastes |
| 19 03 05 | Stabilised wastes other than those mentioned in 19 03 04 |
| 19 04 | Vitrified waste and wastes from vitrification |
| 19 04 01 | Vitrified waste |
| 19 05 | Wastes from aerobic treatment of solid wastes |
| 19 05 01 | Non-composted fraction of municipal and similar wastes |
| 19 05 02 | Non-composted fraction of animal and vegetable waste |
| 19 05 03 | Off-specification compost |

| | |
|--------------|--|
| 19 08 | Wastes from waste water treatment plants not otherwise specified |
| 19 08 01 | Screenings |
| 19 08 02 | Waste from desanding |
| 19 08 05 | Sludges from treatment of urban waste water |
| 19 09 | Wastes from the preparation of water intended for human consumption or water for industrial use |
| 19 09 01 | Solid waste from primary filtration and screenings |
| 19 09 02 | Sludges from water clarification |
| 19 09 03 | Sludges from decarbonation |
| 19 09 04 | Spent activated carbon |
| 19 09 05 | Saturated or spent ion exchange resins |
| 19 10 | Wastes from shredding of metal-containing wastes |
| 19 10 01 | Iron and steel waste |
| 19 10 02 | Non-ferrous waste |
| 19 10 04 | Fluff-light fraction and dust other than those mentioned in 19 10 03 |
| 19 10 06 | Other fractions other than those mentioned in 19 10 05 |
| 19 12 | Wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified |
| 19 12 01 | Paper and cardboard |
| 19 12 02 | Ferrous metal |
| 19 12 03 | Non-ferrous metal |
| 19 12 04 | Plastic and rubber |
| 19 12 05 | Glass |
| 19 12 07 | Wood other than that mentioned in 19 12 06 |
| 19 12 08 | Textiles |
| 19 12 09 | Minerals (for example sand, stones) |
| 19 12 10 | Combustible waste (refuse derived fuel) |
| 19 12 12 | Other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 |
| 19 13 | Wastes from soil and groundwater remediation |
| 19 13 02 | Solid wastes from soil remediation other than those mentioned in 19 13 01 |
| 20 | MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS |
| 20 01 | Separately collected fractions (except 15 01) |
| 20 01 01 | Paper and cardboard |
| 20 01 02 | Glass |
| 20 01 08 | Biodegradable kitchen and canteen waste |
| 20 01 10 | Clothes |
| 20 01 11 | Textiles |
| 20 01 25 | Edible oil and fat |
| 20 01 28 | Paint, inks, adhesives and resins other than those mentioned in 20 01 27 |
| 20 01 30 | Detergents other than those mentioned in 20 01 29 |
| 20 01 32 | Medicines other than those mentioned in 20 01 31 |
| 20 01 34 | Batteries and accumulators other than those mentioned in 20 01 33 |

| | |
|--------------|---|
| 20 01 36 | Discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35 |
| 20 01 38 | Wood other than that mentioned in 20 01 37 |
| 20 01 39 | Plastics |
| 20 01 40 | Metals |
| 20 01 41 | Wastes from chimney sweeping |
| 20 02 | Garden and park wastes (including cemetery waste) |
| 20 02 01 | Biodegradable waste |
| 20 02 02 | Soil and stones |
| 20 02 03 | Other non-biodegradable wastes |
| 20 03 | Other municipal wastes |
| 20 03 01 | Mixed municipal waste |
| 20 03 02 | Waste from markets |
| 20 03 03 | Street-cleaning residues |
| 20 03 07 | Bulky waste |

Table A3: EWC Codes for Materials Recycling Facility

| EWC Code | Description |
|-----------------|---|
| 02 | WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING |
| 02 01 | Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing |
| 02 01 04 | Waste plastics (except packaging) |
| 03 | WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD |
| 03 01 | Wastes from wood processing and the production of panels and furniture |
| 03 01 01 | Waste bark and cork |
| 03 01 05 | Sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04 |
| 03 03 | Wastes from pulp, paper and cardboard production and processing |
| 03 03 01 | Waste bark and wood |
| 03 03 07 | Mechanically separated rejects from pulping of waste paper and cardboard |
| 03 03 08 | Wastes from sorting of paper and cardboard destined for recycling |
| 04 | WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES |
| 04 02 | Wastes from the textile industry |
| 04 02 22 | Wastes from processed textile fibres |
| 07 | WASTES FROM ORGANIC CHEMICAL PROCESSES |
| 07 02 | Wastes from the MFSU of plastics, synthetic rubber and man-made fibres |
| 07 02 13 | Waste plastic |
| 12 | WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS |

| | |
|--------------|---|
| 12 01 | Wastes from shaping and physical and mechanical surface treatment of metals and plastics |
| 12 01 05 | Plastics shavings and turnings |
| 15 | WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED |
| 15 01 | Packaging (including separately collected municipal packaging waste) |
| 15 01 01 | Paper and cardboard packaging |
| 15 01 02 | Plastic packaging |
| 15 01 03 | Wooden packaging |
| 15 01 04 | Metallic packaging |
| 15 01 05 | Composite packaging |
| 15 01 06 | Mixed packaging |
| 15 01 07 | Glass packaging |
| 15 01 09 | Textile packaging |
| 16 | WASTES NOT OTHERWISE SPECIFIED IN THE LIST |
| 16 01 | End-of-life vehicles from different means of transport [including off-road machinery] and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08) |
| 16 01 19 | Plastic |
| 16 01 20 | Glass |
| 17 | CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES) |
| 17 02 | Wood, glass and plastic |
| 17 02 01 | Wood |
| 17 02 02 | Glass |
| 17 02 03 | Plastic |
| 19 | WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION/INDUSTRIAL USE |
| 19 12 | Wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified |
| 19 12 01 | Paper and cardboard |
| 19 12 04 | Plastic and rubber |
| 19 12 05 | Glass |
| 19 12 07 | Wood other than that mentioned in 19 12 06 |
| 19 12 08 | Textiles |
| 19 12 12 | Other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 |
| 20 | MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS |
| 20 01 | Separately collected fractions (except 15 01) |
| 20 01 01 | Paper and cardboard |
| 20 01 02 | Glass |
| 20 01 08 | Biodegradable kitchen and canteen waste |
| 20 01 10 | Clothes |
| 20 01 11 | Textiles |
| 20 01 38 | Wood other than that mentioned in 20 01 37 |
| 20 01 39 | Plastics |

Darwen Resource Recovery Park
Dust Management Plan

| | |
|--------------|-------------------------------|
| 20 01 40 | Metals |
| 20 03 | Other municipal wastes |
| 20 03 01 | Mixed municipal waste |
| 20 03 02 | Waste from markets |

APPENDIX B - IMS CHECKLIST

DAILY INSPECTION (GENERAL)

Facility Name:



Week Commencing:

Recycling and recovery UK

| Performance Standard | Hours to Rectify | Inspected Item | Mon | Tue | Wed | Thur | Fri | Sat | Sun | TCM | CAR Ref. |
|----------------------|------------------|---|-----|-----|-----|------|-----|-----|-----|-----|----------|
| | | Inspected By (Initial): | | | | | | | | | |
| A1 | 1 | Have there been any Health and Safety issues on site? | | | | | | | | | |
| A3 | 3 | Have all open top vehicles leaving the site been netted or sheeted before leaving the loading area? | | | | | | | | | |
| A5 | 72 | Have all containers and Suez vehicles which carry Contract Waste got the correct logos in a clean and visible condition? | | | | | | | | | |
| A6 | 3 | Has the site closed? If so, was the Contingency Plan followed? | | | | | | | | | |
| A9 | None | RTS and MRF only: Have there been any occasions when the volume of trade waste on site has prevented Contract Waste being accepted or stored? | | | | | | | | | |
| A10/D12 | 24 | Is there enough capacity in all containers, cages and storage bays for Contract Waste until your next collection? | | | | | | | | | |
| A10/D12 | 24 | At any point in the last 24 hours has there been insufficient capacity for Contract Waste? | | | | | | | | | |
| A11 | 24 | Are all permanent staff wearing uniform with a Suez logo? | | | | | | | | | |
| B1/B2/B3/B5/B6/D15 | 1 | Did the Weighbridge Operator complete the Weighbridge Inspection Checklist at the end of the last operational day? If so, were all non-conformances reported to helpdesk? | | | | | | | | | |
| C3/C4 | 3 | Have there been any accidents involving a member of the public or any accident classed as 'RIDDOR' of which the helpdesk have not been informed? | | | | | | | | | |
| D3 | 24 | Are there sufficient working lights on site to provide the Service? Are those lights fully operable with no flickering and in good condition? | | | | | | | | | |
| N/A | N/A | Are all handrails on bays/steps undamaged? Are all containers in good condition? | | | | | | | | | |
| D4 | 24 | Does the Site Diary contain the printed name of the person responsible for the site today? | | | | | | | | | |
| D6 | 1 | Are all perimeter fences and gates in good condition and is the site secure? | | | | | | | | | |
| D8 | 24 | Are all signs in place and in a clean and legible condition? Are all signs presented in accordance with the Traffic and Signage Plan? | | | | | | | | | |
| D9 | 72 | Is the Site Diary in place, completed and filled in correctly? | | | | | | | | | |
| D11 | 1 | Has there been any failure to follow the HWRC Contract Waste Checking Procedure? | | | | | | | | | |
| D13 (1) | 1 | Have any spillages of Contract Waste presenting a health or safety hazard been cleared promptly? | | | | | | | | | |
| D13 (2) | 3 | Have any spillages of Contract Waste been cleared in accordance with the SOP? | | | | | | | | | |
| D14 | 3 | Are fridges and freezers stored in compliance with the SOP and is there adequate capacity until the next collection? | | | | | | | | | |
| D16 | 72 | Has there been any unauthorised access to the site, if so, have the consequence been dealt with in accordance with the SOP? | | | | | | | | | |
| D17 | 72 | Have all required checks and maintenance for plant and equipment on site been completed? | | | | | | | | | |
| D18 | 24 | Are all welfare and toilet facilities available and maintained to the standards required by the SOP? | | | | | | | | | |
| D19 | 24 | Has Contract Waste waste been removed or treated in accordance with the Environmental Permit for the site? | | | | | | | | | |
| D21 | 72 | Is the facility reasonably free of pests and vermin? | | | | | | | | | |
| D22 | 24 | Has any fly tipping or litter within the site or 5m of its boundary been removed? | | | | | | | | | |
| D23 | 24 | Has any graffiti or unauthorised notice been removed and the area cleaned/repared? | | | | | | | | | |
| D24 | 24 | Have all Authorised Users been made aware of site rules? | | | | | | | | | |
| D25 | 24 | Is all Household Hazardous Waste stored safely and securely and in line with the Environmental Permit? | | | | | | | | | |
| D26 | 3 | Are there sufficient staff on site? | | | | | | | | | |
| E1 | None | Has there been any breach of policies and procedures or Good Industry Practice of which you are aware? | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| N/A | N/A | Has there been any attempted private trade entry? | | | | | | | | | | | | | | | | | |
| N/A | N/A | Has the site infrastructure (buildings, fencing, yard, tipping floor walls etc) been inspected and found to be satisfactory? | | | | | | | | | | | | | | | | | |
| N/A | N/A | Are all interceptors in good working condition, free from blockage and with adequate capacity until the next scheduled maintenance? | | | | | | | | | | | | | | | | | |
| N/A | N/A | Has there been any breach of waste acceptance procedures, waste transfer or duty of care procedures? | | | | | | | | | | | | | | | | | |
| N/A | N/A | Are all fuel tanks or other bunded storage vessels in good working order, free of visible leakage and damage? | | | | | | | | | | | | | | | | | |
| N/A | N/A | Is the spill kit available and complete? | | | | | | | | | | | | | | | | | |
| N/A | N/A | Is all emergency and fire fighting equipment available, complete and operable? | | | | | | | | | | | | | | | | | |
| N/A | N/A | RTS and Landfill only: Is the odour suppression system operating satisfactorily? | | | | | | | | | | | | | | | | | |
| N/A | N/A | Are all systems and procedures for controlling dust, noise and odour in place, operable and complied with? | | | | | | | | | | | | | | | | | |
| N/A | N/A | Are there any issues with fixed or freestanding structures? | | | | | | | | | | | | | | | | | |

Key: ✓ Satisfactory; X = Action required; NI = Not Inspected; NA = Not Applicable

Note: Inspection should be completed daily on days when the facility is operational
If non-compliance is minor and resolved the same day, comments to be recorded on this form, in the Site Diary and Helpdesk.
Otherwise a Corrective Action Request (CAR) can be raised with CAR reference recorded in right hand column.

TCM Attendance (hours):

TCM Signature:

Comments:

| | |
|---------------|--|
| Monday | |
|---------------|--|

| | |
|----------------|--|
| Tuesday | |
|----------------|--|

| | |
|------------------|--|
| Wednesday | |
|------------------|--|

| | |
|-----------------|--|
| Thursday | |
|-----------------|--|

| | |
|---------------|--|
| Friday | |
|---------------|--|

| | |
|-----------------|--|
| Saturday | |
|-----------------|--|

| | |
|---------------|--|
| Sunday | |
|---------------|--|

| | |
|--------------|--|
| Other | |
|--------------|--|

APPENDIX C – AMENITY COMPLAINT INVESTIGATION FORM



THIS FORM MUST BE COMPLETED FOR ALL AMENITY COMPLAINTS THAT REQUIRE AN INVESTIGATION IN LINE WITH IMS 3.36B. IF MORE THAN ONE OF THE SAME TYPE OF COMPLAINT IS RECEIVED IN ANY ONE DAY, THEN ONE INVESTIGATION FORM CAN BE USED TO COVER ALL COMPLAINTS OF THE SAME NATURE.

1. Investigating Manager/Supervisor

| | | | |
|---------------------|--|--------------------|--|
| A) Name | | B) Position | |
| C) Location* | <i>*Note: this is the SUEZ location the complaint relates to</i> | | |

2. Complaint Type/Location

This section looks at the type of complaint that has been received, as well as the location it was made from.

| | | | |
|---|--|--|--|
| A) <u>When</u> did the complaint and investigation occur? <i>*Note: the issue may have been experienced by the complainant before they made the complaint</i> | Alleged issue: Date: _____ Time: _____ | Complaint made: Date: _____ Time: _____ | Investigation: Date: _____ From (time): _____ To (time): _____ |
| | Have any other related complaints been received within the last 7 days? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, provide basic detail: | | |
| B) <u>What</u> type of amenity complaint has been made? <i>*Note: tick all that relate</i> | Odour <input type="checkbox"/> Dust <input type="checkbox"/> Noise <input type="checkbox"/> Litter <input type="checkbox"/> | Mud or Debris <input type="checkbox"/> Pests <input type="checkbox"/> Light <input type="checkbox"/> Other <input type="checkbox"/> If other, please detail: _____ | Basic description of amenity issue: _____ (e.g. type of odour) |
| C) <u>Where</u> was the complaint made from? <i>*Note: this is the complainant's location. The exact location may not be provided if the complaint has been received via the environmental regulator or local authority</i> | Full address (if known): Postcode (if known): If the above are unknown, then provide the approximate area of the complaint: | | |

3. Weather Conditions

Weather conditions at the time of the alleged issue and during the investigation are important. Some weather conditions can cause amenity issues to be worse, so it is important to provide details where they are known.

| | |
|--|---|
| <p>A) <u>What</u> were the weather conditions like at the time the complainant experienced the issue?</p> <p><i>*Note: you may only be able to accurately identify this if you have a weather station on site</i></p> | <p>General Description:</p> <p>Wind (speed and direction): _____</p> <p>Temperature (°C): _____</p> <p>Raining? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Ground conditions: Wet <input type="checkbox"/> Damp <input type="checkbox"/> Dry <input type="checkbox"/></p> |
| <p>B) <u>What</u> were the weather conditions like at the time of the investigation?</p> <p><i>*Note: you can use weather data from a weather station, the Met Office and your own observations</i></p> | <p>General Description:</p> <p>Wind (speed and direction): _____</p> <p>Temperature (°C): _____</p> <p>Raining? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Ground conditions: Wet <input type="checkbox"/> Damp <input type="checkbox"/> Dry <input type="checkbox"/></p> |

4. Off-Site Investigation

It is important to attend the complainant's location to assess whether an impact is occurring. Guidance on what to look for is available in IMS 3.36b.

| | |
|---|---|
| <p>A) What is the amenity impact at the complainant's location?</p> <p><i>*Note: identify whether there is any impact being caused and indicate the severity</i></p> | <p>Amenity impact? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>If yes, detail the severity. For odour, refer to the odour intensity and extent details in Appendix A.</p> <p>For other amenity issues, provide a basic written description:</p> |
| <p>B) Note any other sensitive receptors in the complainant's location</p> | <p><i>*Note: refer to housing, parks, pubs etc</i></p> |
| <p>C) Are there any other actual or potential sources of amenity impact in the local area?</p> | |

**Note: if another source is identified causing an amenity impact, then ensure this is detailed*

5. On-Site Investigation

Following the off-site investigation, it is essential to assess what was occurring on site. If a complaint is received or investigated after the alleged issue, then it may be difficult. If this is the case, then provide an overview of the operations that were occurring at the time of the alleged issue. Guidance on what to look for is available in IMS 3.36b.

| | |
|---|---|
| <p>A) Site activities</p> <p><i>*Note: CCTV footage may be useful in determining site conditions at the time of the alleged issue. If an amenity issue has not been traced back to site, then it is still useful to provide detail of site conditions at the time.</i></p> | <p>If an amenity impact was noted in section 4A, then state whether this has been traced back to site operations. Focus on the following areas:</p> <ul style="list-style-type: none"> Waste inputs/outputs Waste storage Waste treatment processes Condition of infrastructure |
| <p>B) Non-conformance</p> | <p>If the amenity impact can be traced back to site, state whether this was as a result of a non-conformance:</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>If yes, provide detail:</p> <p><i>*Note: you may need to refer to the Permit and site-specific management plans</i></p> |
| <p>C) Corrective action</p> <p><i>*Note: provide COMPAS CAR reference number if the required action has been raised as a CAR</i></p> | <p>If a non-conformance has been identified, then state what has been done to remediate this:</p> |

6. Supporting Information & Evidence

Supporting information can be useful in building a picture of the incident.

A) Attach any photos or videos

11. Appendix A

| Odour Intensity | Odour Extent (assuming odour is detectable) |
|---|---|
| 0: No detectable odour | 1: Local and impersistent (only detected during brief periods (wind drops/blows |
| 1: Very Faint Odour (barely detectable, need to stand still and inhale facing into the wind) | 2: Impersistent as above, but detected away from site boundary |
| 2: Faint Odour (odour easily detected while walking and breathing normally, possibly offensive) | 3: Persistent, but fairly localised |
| 3: Distinct Odour | 4: Persistent and pervasive up to 50 m from site boundary |
| 4: Strong Odour | 5: Persistent and widespread (odour detected >50 m from site boundary) |
| 5: Very Strong Odour | |
| 6: Extremely Strong Odour | |