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ENERGY AND CLIMATE CHANGE
ENVIRONMENT AND SUSTAINABILITY
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MINERAL ESTATES
WASTE RESOURCE MANAGEMENT

**VALENCIA WASTE (SOMERSET) LTD**

**APPLICATION TO VARY PERMIT NUMBER EPR/BK6785IE**

# DUST MANAGEMENT PLAN

**JUNE 2023**

wardell armstrong

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# DUST MANAGEMENT PLAN

**JUNE 2023**

**PREPARED BY:**

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**APPROVED BY:**

Alison Cook — Technical Director

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| DRAWINGS | TITLE | Scale |
|---|---|---|
| WAL175 | Proposed MRF Layout | 1:500 @ A1 |

# 1 INTRODUCTION

## 1.1 General

1.1.1 Wardell Armstrong have been appointed to prepare an application to vary the permit for Walpole Landfill Site at Pawlett, near Bridgwater, Somerset (the site). The site is operated by Valencia Waste (Somerset) Limited, under permit number EPR/BK6785IE.

1.1.2 This Dust Management Plan has been prepared as part of the variation application, to show that any dust arising from the new activities to be introduced at the site will be appropriately controlled.

1.1.3 The plan will be used in conjunction with other documents that form part of Valencia's Environmental Management System to ensure that the new activities are managed in a way that prevents or at least minimises pollution.

1.1.4 A copy of the document will be held in the site office and will be available to site staff as needed. All staff will receive training so that they are aware of the contents of the plan and of their obligations in preventing pollution caused by dust from the site.

## 1.2 Site Activities

1.2.1 The existing landfill is permitted to accept non-hazardous commercial, industrial and household waste as well as having a separate cell for asbestos.

1.2.2 Valencia is seeking to move waste up the waste hierarchy by treating mixed non-hazardous waste arriving at the landfill to recover materials for recycling. The waste will be further treated to remove non-combustible material from combustible waste before it is sent off site for energy recovery. The residual waste may be used in landfill engineering or will be placed in the landfill.

1.2.3 No asbestos will be treated. The measures in place for the safe disposal of asbestos into a dedicated cell within the landfill will continue.

1.2.4 This Dust Management Plan applies to the new Materials Recycling Facility (MRF). Waste treatment within the MRF will comprise a shedder, overband magnets to recover ferrous metal, an eddy current separator to recover non-ferrous metal, trommels, an air fan, a water bath, an optical sorter and a picking line.

1.2.5 Metals, plastic, wood and RDF will be sent off site for recycling or recovery at an appropriately permitted site. The heavy fraction, comprising glass, stone etc, will be used at the landfill for cover or to maintain site roads. The fines and residual waste

may be used as daily cover on the landfill where appropriate or will be disposed of in the landfill.

1.2.6 The waste will be unloaded, stored and treated inside a building to minimise emissions.

1.2.7 The site layout is shown on drawing WAL175.

## 1.3 Air Quality Management Areas

1.3.1 The landfill is located to the north of Bridgwater, in the Sedgemoor District. Sedgemoor District Council have not designated any air quality management areas (AQMAs) in their District and in the vicinity of the site.

1.3.2 Therefore, the site is not within an AQMA.

## 2 SENSITIVE RECEPTORS

2.1.1 Walpole Landfill Site lies approximately 3.5km north of the town of Bridgwater in Somerset, 1.5km to the north-east of the village of Pawlett and 1.5km to the north-west of the village of Puriton. The surrounding area is predominantly an agricultural setting.

2.1.2 The site perimeter lies 250m from the M5 Motorway, and 50m from a significant train line.

2.1.3 The closest residential site and business site is Rye Farm, 800m to the south-east of the site, on the other side of the M5 Motorway and railway. It is thus unlikely to be affected by dust from the MRF.

2.1.4 A fish farm exists to the north of the site, 900m away and is the nearest major commercial development. This site too would also be unlikely to be affected by dust, due to the distance and the containment measures in place.

2.1.5 The closest major residential receptor is the village of Pawlett c.1.5km to the south-west of the MRF site.

2.1.6 A number of solar farm developments also exist to the south-east of the site, as well as a number of smaller farms, commercial developments and fish farms within 2km.

2.1.7 The boundary of the Severn Estuary Ramsar/SAR/SAR site is within c.2km of the MRF, with the Somerset Wetlands National Nature Reserve (NNR) boundary being over c.1 km away from the site (Huntspill River).

2.1.8 The Bridgwater Bay SSSI overlaps with the Somerset Wetlands/Severn Estuary Ramsar and is 2km away from the site.

2.1.9 There are also several priority habitats within 2km of the MRF, including mudflats, coastal saltmarsh, as well as various areas of semi-improved grassland, lowland calcareous grassland, and non-ancient deciduous woodland.

2.1.10 The Huntspill River lies c.1km the north of the site boundary, while the Black Ditch and Walpole Rhyne, two drainage ditches, are 400m and 50m from the site perimeter respectively.

2.1.11 The closest protected habitats, drainage ditches and other immediate receptors are unlikely to be at risk from emissions from the shredding and sorting operations of the MRF due to measures listed in this Dust Management Plan.

2.1.12 Local Receptors within 2km of the site, and SAR/RAMSAR sites within 10km are listed in Table 2-1.**Error! Reference source not found.**

**Table 2-1 Local Receptors within 2km (and SAR/RAMSAR sites within 10km)**

| Receptor Type | Receptor | Approximate Distance and Direction |
|---|---|---|
| Residential/commercial | Rye Farm | 800m South-east |
| Residential | Farms nr Down End | 2km South |
| Residential | Farms on Puriton Road | 1.3km South-West |
| Residential | Houses in Pawlett | 1.5km West |
| Residential | Houses in Down End | 1.9km South |
| Residential | Warehousing / Logistics Units nr Dunball | 2km South |
| Residential/Commercial | GJ Boyer Dairy Farm | 1.4km North East |
| Residential/Commercial | Withy Water Campsite | 2km North East |
| Residential/Commerical | Withy Road Houses / Farms | 1.8km North |
| Residential | Stretcholt Hamlet | 2km West |
| Amenity | Puriton Primary School | 1.9km South East |
| Commercial | Industrial Units (West Huntspill) | 1.5km North West |
| Commercial | Fish Farm | 900m North |
| Commercial | Gravity Business Park | 1.3 South East |
| Commercial | Pawlett Service Station | 1.6km West |
| Commercial | Sedgemoor Crematorium | 1.6km North West |
| Commercial | Puriton / Gravity Park Solar Panels | 50m East<br>800m East<br>800m South<br>1.2km South-east |
| Commercial / Leisure | Puriton Sports Centre | 1.5km South-East |

| Table 2-1 Local Receptors within 2km (and SAR/RAMSAR sites within 10km) | | |
|---|---|---|
| **Receptor Type** | **Receptor** | **Approximate Distance and Direction** |
| Commercial | BCA Bridgwater and Car Showrooms | 2km South-West |
| Major Amenity | Bristol – Exeter Rail Line | 50m East |
| Major Amenity | M5 Motorway (J23 of M5) | 250m East (1.2km South) |
| Protected Habitat | Severn Estuary RAMSAR | 2km South West |
| Protected Habitat | Severn Estuary SAC | 2km South West |
| Protected Habitat | Severn Estuary RAMSAR | 2km South West |
| Protected Habitat | Somerset Wetlands NNR (River Huntspill) | 1km North |
| Protected Habitat | Bridgwater Bay SSSI (River Parrett) | 2km South West |
| Protected Habitat | Somerset Levels and Moors SPA | 6km East |
| Protected Habitat | Somerset Levels and Moors RAMSAR | 6km East |
| River / Ditch | Walpole Rhyme | 50m East |
| River / Ditch | Black Ditch | 400m North |

2.1.13 As the majority of receptors are more than 800m away it is likely that most dust would settle before reaching them and dust is not expected to cause a nuisance.

2.1.14 Nevertheless, control measures will be in place to ensure any potential emissions of dust are minimised.

# 3 ON SITE SOURCES OF DUST AND CONTROL MEASURES

## 3.1 Waste Deliveries

3.1.1 Dust may be generated from the waste, either entrained in the wind or released during tipping off. Dust may also be disturbed from site roads by vehicle movements and particulates may also be present in vehicle exhausts.

3.1.2 Waste will be delivered in enclosed or sheeted vehicles to minimise emissions in transit. After checking in at the weighbridge vehicles will be directed to the MRF building.

3.1.3 The entrance road to the MRF will be provided with suitable surfacing which can be swept clean. Site roads will be properly maintained and metalled roads will be swept as necessary to limit any build-up of dust.

3.1.4 Vehicles will be unloaded inside the building with the door closed.

3.1.5 Drop heights will be minimised to avoid raising dust.

3.1.6 Speed limit of 10 miles per hour on site to minimise dust being raised.

3.1.7 It will not be possible to manage emissions from all vehicles using the site, which may be owned and operated by third parties. Valencia has a preventative maintenance programme and will ensure that their own vehicles are regularly serviced.

3.1.8 The fleet will be managed to ensure that as far as possible vehicles with lower emissions are selected.

## 3.2 Waste Types

3.2.1 Wastes consisting of powders or dust are not to be accepted at the MRF. The purpose of the MRF is to separate non-putrescible household waste, mixed construction and demolition (C&D) waste and mixed commercial and industrial (C&I) waste into fractions for further recycling and recovery.

3.2.2 Some dust will be present in these materials and may be released during waste treatment but are unlikely to be emitted from beyond the building due to the containment of the treatment activity.

3.2.3 The site will typically receive and treat up to 500 tonnes of waste a day.

3.2.4 The list of wastes to be accepted and treated at the MRF are set out in **Error! Reference source not found.**, below.

**Table 3.1 List of Wastes**

| Waste Code | Description |
|---|---|
| 01 | WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS |
| 01 01 | Wastes from mineral excavation |
| 01 01 | Wastes from mineral metalliferous excavation |

| Table 3.1 List of Wastes | |
|---|---|
| **Waste Code** | **Description** |
| **Table 3-1: Permitted Waste Types** | |
| 01 01 02 | Wastes from mineral non-metalliferous excavation |
| 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 |
| 02 | WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING |
| 10 12 | Wastes from manufacture of ceramic goods, bricks, tiles and construction products |
| 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 14 | Waste concrete |
| 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 |

| Table 3.1 List of Wastes | |
|---|---|
| **Waste Code** | **Description** |
| 15 01 06 | Mixed packaging |
| 15 01 07 | Glass packaging |
| 15 01 09 | Textile packaging |
| 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 |
| 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 |

| Table 3.1 List of Wastes | |
|---|---|
| **Waste Code** | **Description** |
| 19 | WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE 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 |
| 9 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 04 | Vitrified waste and wastes from vitrification |
| 19 04 01 | Vitrified waste |
| 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 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 38 | Wood other than that mentioned in.20 01.37 |
| 20 01 39 | Plastics |
| 20 01 40 | Metals |
| 20 02 | Garden and park wastes (including cemetery waste) |

| Table 3.1 List of Wastes | |
|---|---|
| **Waste Code** | **Description** |
| 20 02 02 | Soil and stones |
| 20 03 | Other municipal wastes |
| 20 03 01 | Mixed municipal waste |
| 20 03 02 | Waste from markets |
| 20 03 07 | Bulky waste |

## 3.3 Fixed Plant

3.3.1 Dust may be generated during waste treatment particularly at transfer points between conveyors and during sorting.

3.3.2 The fixed plant on site includes conveyors, three overband magnets, the eddy current separator, fan blower, water bath and two trommels. These are all located inside the MRF building, as show on drawing WAL175.

3.3.3 Currently there are no plans for a building-wide air extraction system. The building will be naturally ventilated, and the walls and roof will provide containment for any dust arising.

3.3.4 As far a possible the doors will be kept closed to contain noise and dust. The building will be equipped with fast acting roller shutter doors, which will be opened to allow vehicular access and egress. Loading and unloading will take place inside the building with the door closed.

3.3.5 Plant will be configured to minimise drop heights at all transfer points.

3.3.6 Localised air extraction is provided for the 3 way separator. This will extract air directly from the screener and direct it back into the building via a dust filter. A spray bar will also be provided at the transfer point for light waste coming out of the 3 way separator.

3.3.7 Regular visual inspections will be made throughout the day to ensure that no significant dust is leaving the building, particularly whilst waste sorting equipment is in operation.

3.3.8 Plant will be switched off when not in use to minimise emissions. All plant will be included in the Preventative Maintenance Schedule and will be serviced in line with

the manufacturer' recommendations, with cleaning undertaken to remove points of dust from plant.

### 3.4 Mobile Plant

3.4.1 A front end loader will be used within the MRF building to transfer waste into the process and for loading/unloading.

3.4.2 Plant will be switched off when not in use and will not be allowed to idle.

3.4.3 All mobile plant will be included in the preventative maintenance schedule and will be serviced in accordance with the manufacturer's recommendations to avoid excessive emissions.

3.4.4 Where plant is replaced, the lowest emissions models will be selected where they are equally effective and the cost is not excessive to prevent further dust from particulate emissions.

### 3.5 Outloading

3.5.1 Wastes will be loaded onto vehicles inside the building with the door closed and drop heights will be minimised.

3.5.2 Vehicles will be checked before leaving the site and will be cleaned as necessary to minimise dust, mud or debris being tracked onto nearby roads.

3.5.3 A wheel wash is available and will be used as necessary to ensure that mud, dust and debris are not tracked out of the site.

3.5.4 The entrance road to the MRF will be provided with suitable surfacing which can be swept clean. Site roads will be properly maintained and metalled roads will be swept as necessary to limit any build-up of dust.

3.5.5 A speed limit of 10 miles per hour will be enforced on site to minimise dust being raised.

# 4 DUST AND PARTICULATE MANAGEMENT

## 4.1 Implementation of the Dust Management Plan

4.1.1 Implementation of the dust management plan will be the responsibility of the site manager. The Dust Management Plan will form part of the Environmental Management System for the site and compliance will be audited on an annual basis.

4.1.2 This will entail not only a spot check but records of incidents will be reviewed and the plan will be updated as necessary to address any issues.

4.1.3 The plan will also be reviewed if an ongoing problem is noted with dust, that is, if breaches are regular or frequent.

4.1.4 All staff will be made aware of the Dust Management Plan and their responsibilities to ensure compliance. Refresher training will be given as necessary.

## 4.2 Sources and Control of Fugitive Dust/Particulate Emissions

4.2.1 Table 4.1, below, sets out the potential sources of dust on site and shows the measures in place to break the source/pathway/receptor linkage and minimise the impact of dust.

4.2.2 Then main method of control is the enclosure of all MRF operations within a building. This provides a barrier breaking the link between the source and the receptor.

4.2.3 Water may be used to clean vehicles and for damping down if this becomes needed, for example in hot, dry weather. The site has a mains water supply.

| Table 4.1 Breaking the Source Pathway Receptor Linkage for Dust | | | | |
|---|---|---|---|---|
| **Source** | **Pathway** | **Receptor** | **Type of impact** | **Where relationship can be interrupted** |
| Mud on site roads | tracking dust on wheels and vehicles, then mud dropping off wheels/vehicles when dry | Mud on highway immediately adjacent to site entrance. Potential impact on local, businesses and closest residential receptors | Visual soiling, also consequent resuspension as airborne particulates | Remove mud before vehicles leave site. Properly surfaced road provided between MRF and site entrance. Wheel wash available. Entrance road swept as necessary by road sweeper to prevent materials tracking out of site.<br>Speed limit in force to avoid raising dust.<br>Damping down with water if needed, e.g. in hot dry weather, e.g. with hose or bowser. |
| Debris from waste in transit | falling off lorries | Mud on highway immediately adjacent to site entrance. Potential impact local businesses and closest residential receptors | Visual soiling, also consequent resuspension as airborne particulates | Properly surfaced road provided between MRF and site entrance. Wheel wash available. Entrance road swept as necessary to prevent materials tracking out of site.<br>All vehicles enclosed or sheeted to prevent escape of waste. |
| Tipping, storage and sorting of waste inside buildings | Escape from buildings and subsequent atmospheric dispersion | Potential impact on local businesses and closest residential and wildlife receptors | Visual soiling and airborne particulates | Containment maximised with doors open only for entry/exit of vehicles. Doors directed away from most sensitive receptors.<br>MRF is located on the landfill away from neighbouring businesses.<br>Drop heights minimised.<br>Damping down with water from hose, if needed, e.g. in hot dry weather. |
| Vehicle exhaust emissions | Atmospheric dispersion | Potential impact on local businesses and closest residential and wildlife receptors | Airborne particulates | Vehicles properly maintained and switched off when not in immediate use.<br>Models with lower emissions to be considered when replacing vehicles. |
| Non road going | Atmospheric dispersion | Potential impact on local businesses and closest | Airborne particulates | Compliance with standards for non-road machinery regulations.<br>Plant properly maintained and switched off when not in use. |

| Table 4.1 Breaking the Source Pathway Receptor Linkage for Dust | | | | |
|---|---|---|---|---|
| **Source** | **Pathway** | **Receptor** | **Type of impact** | **Where relationship can be interrupted** |
| machinery exhaust emissions | | residential and wildlife receptors | | Models with lower emissions to be considered when replacing plant. |
| Waste treatment | Escape from buildings and subsequent atmospheric dispersion | Potential impact on local businesses and closest residential and wildlife receptors | Visual soiling and airborne particulates | All operations take place within an enclosed building. The doors will be kept closed as far as practicable.<br>Drop heights minimised.<br>Plant layout designed to keep dust operations away from the doors.<br>Damping down with water from hose, if needed, e.g. in hot dry weather.<br>Air extraction and treatment not considered necessary as sensitive receptors are some distance away. |
| Build-up of dust around the site | Escape from buildings and subsequent atmospheric dispersion | Potential impact on local businesses and closest residential and wildlife receptors | Visual soiling and airborne particulates | Bays emptied on a regular basis. Good housekeeping with plant, bays and other surfaces cleaned as necessary to prevent major build ups of dust. |

# 5 VISUAL DUST MONITORING

5.1.1 Dust monitoring will be undertaken throughout the day with staff aware of the need to report any excessive dust so that the cause can be identified and resolved.

5.1.2 Formal monitoring will take place at least once a day with an inspection being made around the outside of the building along the site road and at the site entrance. The finding of this inspection will be recorded in the site log.

5.1.3 Where dust is noted leaving the site or escaping from the MRF building this will be recorded and immediately reported to the site manager. Steps will be taken to confirm the source of the dust and take remedial action.

5.1.4 Because there are no sensitive receptors very close to the site, with the majority of receptors being more than 800m away, and because all activities will take place inside a building, there are no current plans for quantitative particulate monitoring.

# 6 REPORTING AND COMPLAINTS RESPONSE

## 6.1 Recording Complaints

6.1.1 Should a complaint be received, either from a member of the public or one of the Regulators regarding dust-related emissions, this will be recorded on a form prepared for the purpose.

6.1.2 The following information will be recorded:

- contact details of complainant;
- date and time of the incident;
- nature of the incident;
- weather conditions at the time (including wind strength and direction, any precipitation, temperature).

6.1.3 The information will be passed to the site manager or their designated deputy for action.

6.1.4 An investigation will be carried out to determine the activities taking place on site at the time of the incident and the likely cause of the dust emissions.

6.1.5 The site manager, or their deputy, will determine the measures required to prevent further significant emissions and will implement action to resolve the issue.

6.1.6 The complainant will be informed of the outcome of the investigation, the remedial measures proposed and the likely time scale for implementation (unless they have indicated that they do not wish to be contacted).

6.1.7 A record of the complaint and the actions taken will be retained on site and these records will be made available to the Environment Agency on request.

## 6.2 Engagement with the Community

6.2.1 Contact details for the site will be made available via the site noticeboard and via Valencia's website. All complaints will be taken seriously and will be properly recorded and investigated.

## 6.3 Reporting of Complaints

6.3.1 Where there are consistent complaints regarding dust from the site or where there is a major incident and pollution is known to have occurred or to be likely to occur the Environment Agency will be informed as soon as possible by telephone.

6.3.2 Written reports will subsequently be provided to the Environment Agency in line with the permit conditions.

6.3.3 The complaint log will be reviewed on an annual basis to assess any trends or common issues. Where necessary the Dust Management Plan will be updated as a result and targets for improvement will be put in place.

6.3.4 A date will be set for when corrective action should be completed and actions will be reviewed and recorded to demonstrate that improvements have been implemented as required.

# 7 SUMMARY

7.1.1 To summarise, a copy of the Dust Management Plan will be retained on site and will be made available as required to site staff.

7.1.2 The site manager will take responsibility for the implementation of the Plan and will ensure that staff receive initial training and refresher training as required to ensure compliance. The site manager will also review the plan on an annual basis and ensure it is revised as and when required.

7.1.3 The MRF does not have sensitive receptors in close proximity (closer than 800m) and is to be fully housed inside a building. For that reason no specific abatement has been installed and no quantitative monitoring is proposed. This will be kept under review and may change if any dust related issues occur.

7.1.4 The main control for dust is that all operations take place inside the building, as far a possible the door will be kept closed to limit the opportunity for fugitive emissions.

7.1.5 Vehicles entering or leaving the site must be sheeted or enclosed and should make use of the wheelwash available when required.

7.1.6 Good housekeeping measures will be in place with site roads properly maintained and swept as needed. The building and plant will be cleaned where necessary to prevent a build-up of dust.

7.1.7 All plant and equipment will be properly maintained to minimise emissions.

7.1.8 Daily visual monitoring will take place around the site to ensure that there are no visible emissions of dust.

7.1.9 Where significant dust emissions are noted by site staff or where a complaint is received the cause will be investigated and resolved.

**DRAWINGS**

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