



DUST MANAGEMENT PLAN

BP Pinkham Way

North Circular Rd., London N11 2UU

Commencement Date – TBD

Prepared By			
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Signature	<i>C Fundrey</i>	Date	10/01/23
Approved by			
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Signature	<i>E. Sweeney</i>	Date	12/01/23

Dust Management Plan Revision Record

Amendments to the contents of this Dust Management Plan are to be recorded below.

Following planned reviews any amendments are to be recorded here including reference to the date of the review and location of the review records. Regular amendments should not be recorded.

This Plan must be reviewed / checked each month or whenever a project change takes place. This includes review of each relevant Appendix document

Rev No.	Description	Author by	Date	Approved By
Rev 00	Creation Of Dust Management Plan	Claire Fundrey	10.01.22	Eamon Sweeney

1 INTRODUCTION

This document outlines measures to be taken to reduce the dust created during the demolition and construction works as part of the BP Pinkham Way works .

This plan requires all Toureen management, site personnel and sub-contractor to work to the Best Available Technique (BAT) Standard. Control measures should control the emissions of dust and other emissions to air, and reduce human exposure by:

- Prevention
- Suppression
- Containment

To meet the requirements of this plan, control measures will be incorporated into the works briefing and working plans.

2 SITE EVALUATION

Evaluation of the potential sources of dust has been assessed in line with relevant guidance's with overall scope of works including; soft strip demo followed by structural demolition of the PFS forecourt canopy, followed by the removal of foundations, old forecourt, fuel pipelines and petrol tanks.

2.1 METHODOLOGY

Demolition and Construction operations have been planned to be carried out with the best intention of meeting all planning conditions and take into account the dust impact created by all activities during the work phases. These have been included in the working Method Statements.

Method of works includes:

- Remove petrol / diesel from tanks and foam fill the tanks
- Break out and remove all fuel infrastructure
- Make safe all services at the boundary. Electrical Disconnection.
- Remove signage.
- Soft Stripping all buildings.
- Demolish Canopy using an excavator with hydraulic sheer and grapple attachments.
- Break up all concrete using a breaker.
- Back fill all voids with MOT type 1, roll and compact.

The method statements for key works to be carried out onsite includes RAMS:

- TR03 Breaking out surfacing
- TR05 Building soft strip
- TR06 Decommission fuel infrastructure
- TR07 Canopy demolition
- TR08 Building demolition

2.2 DEMOLITION

Toureen has been appointed the demolition contractor and will notify the Building Control Team of the relevant local authority of the demolition works under Section 80 of the Building Act 1984.

Demolition methodology will be communicated to all stakeholders.

2.3 ASBESTOS

Prior to commencement of works an asbestos survey will be completed by a competent contractor. If asbestos is discovered during the survey a plan for removal will be made to allow demolition works to commence. No works will commence on site until the asbestos survey is complete.

2.4 DESCRIPTION OF STRUCTURE/BUILDING

Current Use	BP service station
Occupancy	Occupied
Type of Construction	Steel framework with cladding and signage
General Condition	Good
Wall Structure	N/A
Roof Structure	Flat roof built of steel and cladding
Number of Floors	N/A
External surfacing	Concrete
Foundations	Concrete

3 DUST AND EMISSIONS CONTROL

3.1 PROTECTING THE PUBLIC/PROPERTY/OPERATIVES (CONTAINMENT)

Arrangements for protecting members of the public will include the following:

- a) Site security, including the provision of heras suitable fencing and barriers.
- b) The control of spectators and/or site visitors via designated walk ways and entrances.
- c) Containment of demolition materials using debris netting on the fence.
- d) Control of dust via water suppression.
- e) Traffic marshals at the entrance / exit for deliveries.
- f) PPE provided to operatives undertaking demolition works.

3.2 SITE PREPARATION

Sheeted Heras fencing will be erected along site boundaries where appropriate.

As the works progress the site storage locations of plant and stockpiles will vary and the sources of dust generating material will be located as far from any sensitive receptors as possible. If necessary, in dry and windy periods will be covered or screened to prevent wind-blown dust.

The selection of debris netting for Heras fencing takes into account the fact that sheeting shall not allow un-mitigated dust emissions to escape work areas.

Means of dampening down using water hoses in the works area during soft strip and structural demolition works.



Figure 1 – Jet wash bowser and automatic dust suppression unit used for large areas of site

3.3 HAUL ROUTES AND SITE ENTRANCES

The progressive nature of the demolition and construction works and restrictive site size means that it is not practicable to have paved roads across site.

Therefore, all routes onsite for machines and vehicles will be kept compacted and dampened down when dry.

Means of dampening down using water hoses on access/egress points to site.

Site entrances, off site roadways and onsite hard standing areas are regularly inspected and swept/cleaned whenever any significant soiling is detected.

To prevent mud on the roads, jet wash will be utilised to ensure that deleterious material does not get past the site entrance. Delivery vehicles will not be permitted to leave site until they have been suitably cleaned.

3.4 VEHICLES

All vehicles used on-site are regularly maintained to minimise exhaust emissions.

When within the site compound a speed policy of 5 mph has been deployed on site for both site traffic, delivery traffic and waste removal traffic.

Materials with potential to generate dust, entering or leaving site by lorry are sheeted to avoid dust release and a wheel wash will be utilised if necessary.

3.5 WASTE DISPOSAL

Skips containing dusty wastes shall be securely covered or sheeted over.

Burning of any material is not permitted on site. The targets for the project is to reuse/recycle where possible should be recycled and remaining waste should be removed from site in a timely manner using licensed waste removal contractors.

4 TRAINING

All Toureen site personnel and sub-contractor will undergo initial site induction on the requirements to minimise and control dust emissions.

In addition to training specific to special plant, training of staff to raise awareness and promote individual responsibility regarding dust control, is being undertaken where appropriate.

5 REQUIRED MITIGATION MEASURES CHECKLIST

Best Practicable Means (BPM) dust control measures will be adopted at all times. The proposed mitigations are listed in this Dust Management Plan for BP Pinkham Way.

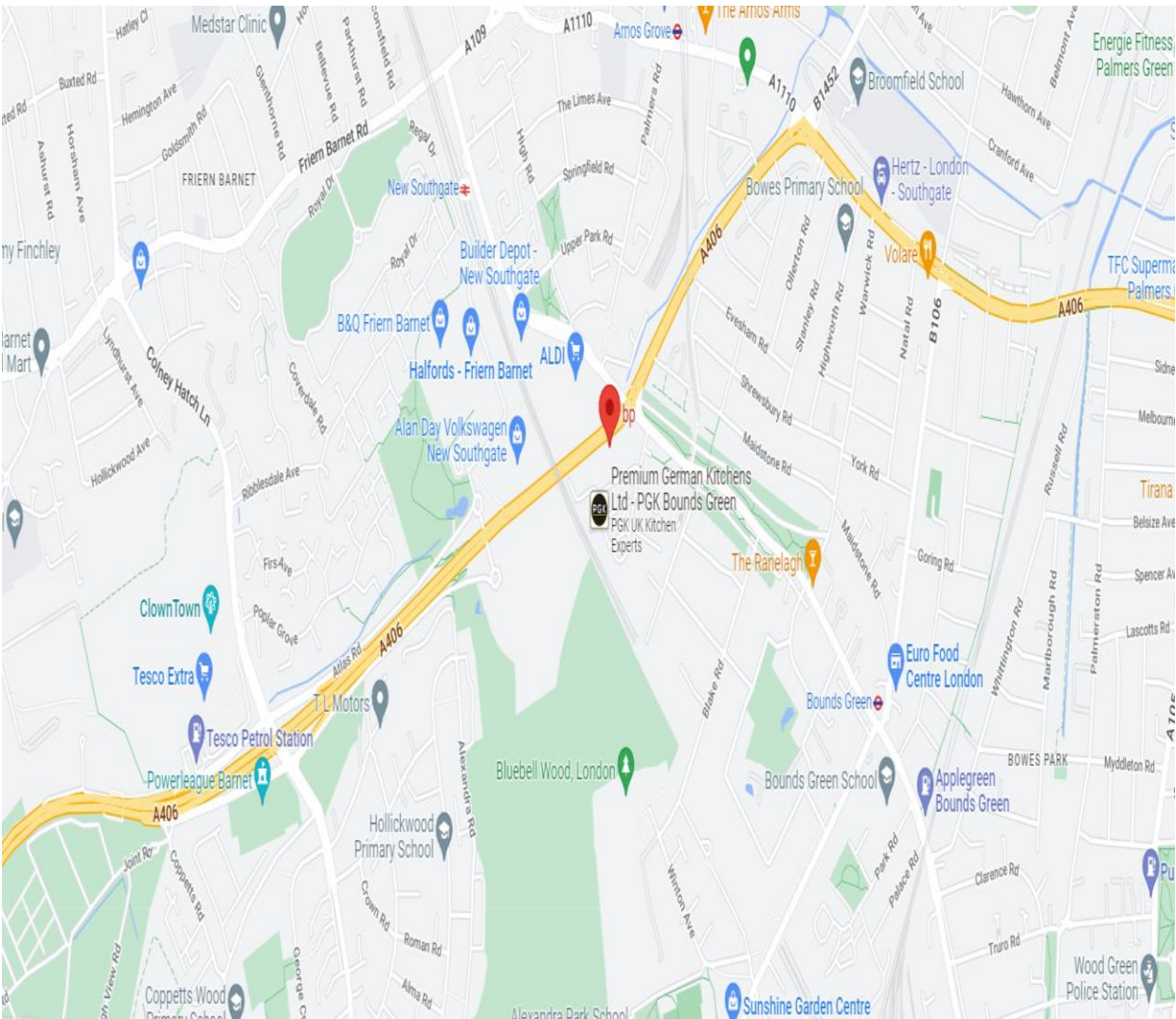
Measure	Check
Display the name and contact details of person(s) accountable for air quality and dust issues on the site boundary. This may be the environment manager/engineer or the site manager.	
Display the head or regional office contact information	
Project to be signed up to Considerate Constructors Scheme	
Record all dust and air quality complaints, identify cause(s), take appropriate measures to reduce emissions in a timely manner, and record the measures taken. Make the log available to LPA if required.	

Measure	Check
Undertake daily on-site and off-site inspection, where receptors (including roads) are nearby, to monitor dust, record any inspection findings in daily diary.	
Increase the frequency of site inspections by the person accountable for air quality and dust issues on site when activities with a high potential to produce dust are being carried out and during prolonged dry or windy conditions.	
Plan site layout so that machinery and dust causing activities are located away from receptors, as far as is possible.	
Fully enclose site specific operations where there is a high potential for dust production period	
Avoid site runoff of water or mud.	
Keep site fencing, barriers and scaffolding clean using wet methods.	
Remove materials that have a potential to produce dust from site as soon as possible, unless being re-used on site.	
Ensure all NRMM meet the highest emission standards, where applicable.	
Ensure all vehicles switch off engines when stationary - no idling vehicles.	
Avoid the use of diesel or petrol powered generators and use mains electricity or battery powered equipment where practicable.	
Implement a Travel Plan that supports and encourages sustainable travel (public transport, cycling, walking, and car-sharing).	
Only use cutting, grinding or sawing equipment fitted or in conjunction with suitable dust suppression techniques such as water sprays or local extraction, e.g. suitable local exhaust ventilation systems.	
Ensure an adequate water supply on the site for effective dust/particulate matter suppression/mitigation, using non-potable water where possible and appropriate.	
Ensure equipment is readily available on site to clean any dry spillages, and clean up spillages as soon as reasonably practicable after the event using wet cleaning methods.	
No bonfires and burning of waste materials.	
Soft strip inside buildings before demolition (retaining walls and windows in the rest of the building where possible, to provide a screen against dust).	
Ensure effective water suppression is used during demolition operations. Hand held sprays are more effective than hoses attached to equipment as the water can be directed to where it is needed. In addition high volume water suppression systems, manually controlled, can produce fine water droplets that effectively bring the dust particles to the ground.	
No explosive blasting, using appropriate manual or mechanical alternatives.	
Bag and remove any biological debris or damp down such material before demolition.	
All contractors and sub-contractors to be made aware of and sign-up to the dust management scheme.	
Ensure sand and other aggregates are stored in bunded areas and are not allowed to dry out, unless this is required for a particular process, in which case ensure that appropriate additional control measures are in place.	

Measure	Check
ACM are to be removed by a licensed approved contractor prior to demolition works commencing.	
For smaller supplies of fine power materials i.e. cement ensure bags are sealed after use and stored appropriately to prevent dust.	

6 SITE LAYOUT PLANS

6.1 MAP OF SURROUNDING AREA OF THE SITE



6.2 SITE LAYOUT PLAN

