



UNIVERSAL DESTINATIONS & EXPERIENCES UK PROJECT

Former Kempston Hardwick Brickworks
and adjoining land, Bedford

Appendix – G Dust Management Plan

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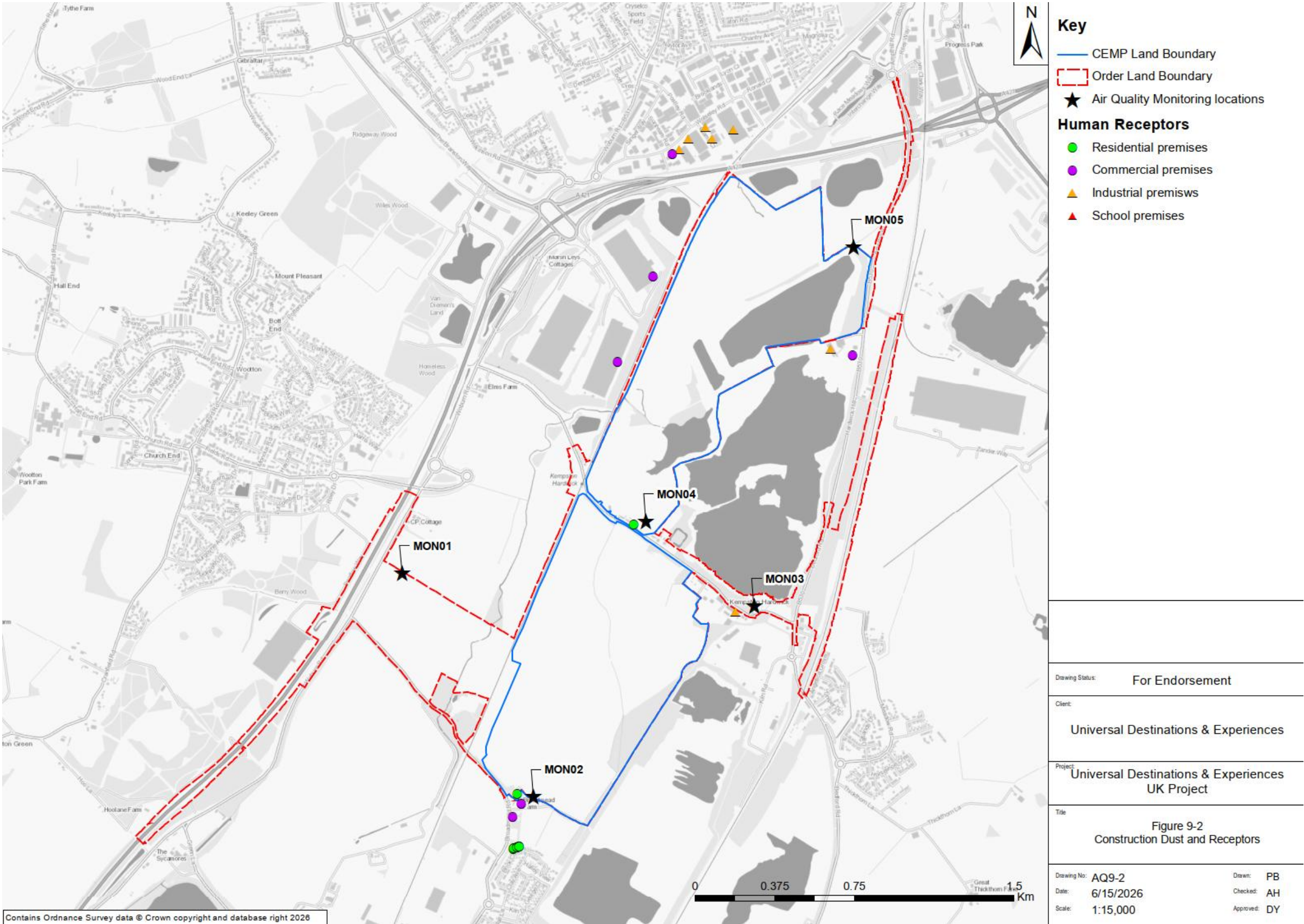
1 INTRODUCTION

- 1.1.1. This Dust Management Plan (DMP) provides supporting dust-control information for the CEMP Works. Its purpose is to identify the relevant sensitive receptors and to provide a supplementary schedule of dust mitigation measures relevant to the CEMP Works.
- 1.1.2. The controlling requirements for dust management, including prescribed emission limits, monitoring, trigger/action responses, complaints handling and reporting, are set out in **Section E** of the CEMP Main Body. This Appendix does not create separate or additional obligations beyond those set out in the CEMP Main Body unless expressly stated.
- 1.1.3. This Appendix has been prepared with reference to recognised best practice for construction dust management and should be read in conjunction with **Section E** of the CEMP Main Body.

2 HUMAN AND ECOLOGICAL RECEPTOR LOCATIONS

- 2.1.1. **Figure 2-1** provides the wider Order land context, showing the Order land boundary and the locations of identified sensitive human and ecological receptors. For the purposes of this Appendix, the receptors of relevance are those within 250m of the CEMP Land, being the receptors with potential to be affected by dust emissions from the CEMP Works.
- 2.1.2. Monitoring locations relevant to dust risk will be selected and managed in accordance with **Section E** of the CEMP Main Body. **Figure 2-1** and the receptor descriptions below are provided to identify the receptor context relevant to the CEMP Works.
- 2.1.3. Receptors within 250m of Manor Road CEMP Works:
- Residential properties on Manor Road (high sensitivity);
 - BCA Car Auctions (high sensitivity); and
 - Kempston and Hardwick Pit County Wildlife Site (medium sensitivity).
- 2.1.4. Receptors within 250m of the Core Zone:
- Residential properties on Broadmead Road (high sensitivity); and
 - Coronation Pit County Wildlife Site (medium sensitivity).
- 2.1.5. Receptors within 250m of the Lake Zone:
- Residential premises on Manor Road (high sensitivity);
 - Kempston and Hardwick Pit County Wildlife Site (medium sensitivity);
 - Asda and Sainsbury's distribution centres off Manor Road (low sensitivity); and
 - Commercial and light industrial premises within Woburn Road Industrial Estate (low sensitivity).

Figure 2-1 - Sensitive human and ecological receptor locations within 250m of the Order land (highlighted)



3 ROLES AND RESPONSIBILITIES

- 3.1.1. Roles and responsibilities for dust management during the CEMP Works are set out in **Table A-3** of the CEMP Main Body.

4 SUPPLEMENTARY DUST MITIGATION MEASURES

4.1.1. **Table 4-1** summarises supplementary dust mitigation measures relevant to the CEMP Works and is to be read in conjunction with the controlling requirements in **Section E** of the CEMP Main Body.

Table 4-1 – Supplementary dust mitigation measures relevant to the CEMP Works

Activities	Measures
Preparing and maintaining the CEMP Land	The CEMP Land layout is to be planned so that machinery and dust-causing activities are located away from receptors, as far as is possible.
	CEMP Land fencing, barriers and scaffolding are to be kept clean using wet methods.
	Materials that have a potential to produce dust from the CEMP Land are to be removed as soon as possible, unless being re-used on CEMP Land. If they are being re-used on CEMP Land, stockpiles will be covered, seeded or fenced/screened to prevent wind whipping.
	Existing areas of hard standing that are to be removed will be damped down prior to breaking out.
General operations	Cutting, grinding, or sawing equipment is to be fitted or used in conjunction with suitable dust suppression techniques such as water sprays or local air extraction. Such equipment without dust suppression is not to be used.
	The operator of any mobile crushing/screening plant used on the CEMP Land shall hold a valid environmental permit and comply with all permit conditions, including any regulator notification requirements, prior to operation.
	Adequate water supplies are to be maintained on the CEMP Land for effective dust/particulate matter suppression/mitigation, using non-potable water where possible and appropriate.
	Drop heights from conveyors, loading shovels, hoppers and other loading or handling equipment are to be minimised, and fine water sprays used on such equipment wherever appropriate.
	Equipment is to be readily available on CEMP Land to clean any dry spillages. Such spillages will be cleared away as soon as reasonably practicable after the event using an appropriate cleaning method to suppress dust emissions.
	Bonfires and burning of waste is prohibited.
Operating vehicle / machinery and sustainable travel	Ensure all vehicles switch off engines when stationary - no idling vehicles.
	The use of diesel or petrol-powered generators is to be avoided, and mains electricity or battery powered equipment is to be used where practicable.
	A maximum speed limit of 15 mph will be imposed and sign-posted on surfaced haul roads and work areas and 10 mph on unsurfaced haul roads and work areas

Activities	Measures
	and enforced as part of the site traffic management arrangements. Any change to these limits will be subject to review through the site traffic management risk assessment and the CTMP governance arrangements.
Measures specific to materials being tracked out	Water-assisted dust sweeper(s) will be used on the paved access and local roads, to remove, as necessary, any material tracked out of the CEMP Land.
	Dry sweeping of large areas is to be avoided.
	Vehicles entering and leaving the CEMP Land are to be appropriately covered to prevent escape of materials during transport.
	Hard surfaced haul routes, are to be installed where practicable, which will be regularly damped down with fixed or mobile sprinkler systems or mobile water bowsers and regularly cleaned (where hard paved).
	CEMP Land haul routes are to be inspected for integrity, and necessary repairs will be instigated to the surface as soon as reasonably practicable. All inspections of haul routes and any subsequent action will be recorded in a CEMP Land logbook.
	Access gates are to be located at least 10m from receptors wherever possible.
	Vehicle wheel and chassis cleaning facilities are to be provided and used at all points before the public highway where vehicles leaving the CEMP Land have passed over unpaved ground.

5 MONITORING AND REPORTING

- 5.1.1. The controlling requirements for prescribed emission limits, monitoring, trigger/action responses, complaints handling and record retention are set out in **Section E** of the CEMP Main Body.
- 5.1.2. **Figure 2-1** identifies the receptor context relevant to dust monitoring for the CEMP Works. The CEMP Works Site Manager will maintain the Dust Log required by **Section E** of the CEMP Main Body, including records of visual inspections, any instrumented monitoring used, complaints, trigger/action events and corrective actions.