**Dust Mitigation Plan in relation to planning consent UTT/23/2197/FUL to be read in conjunction with the Construction Environmental Management Plan**

**Introduction**

This document details the proposed dust mitigation measures to be implemented during the demolition works at Horbury, Wrights Green Lane, Herts, CM22 7RL.

The demolition works will be undertaken following the guidance in “The Control of Dust Emissions during Construction and Demolition” July 2014 produced by the greater London Authority and “The Control of Asbestos Regulations 2013” HSE.

Undertaking the main site works and the associated movement during the project has the potential to generate dust.

A preconstruction asbestos survey has been undertaken and submitted to the Council under a separate discharge of conditions application.

**Dust Monitoring**

Prior to the commencement of any site works environmental monitoring points will be setup at the location of sensitive receptors along the site boundary to monitor dust emissions. Baseline condition monitoring will be undertaken by the site engineer prior to the works commencing.

On-site monitoring will be undertaken throughout the works and recorded as minimum twice daily by the site engineer. Monitoring will comprise of observed visual assessment and using a real time “dust mate” monitor. The amount of monitoring will be reviewed depending on the nature of the work taking place or weather conditions.

The dust mate monitor measures total suspended particulates (TSP) and particulate matter less than 10 microns in size (PM10). This information will be recorded on the environmental monitoring form.

The dust monitoring will be undertaken as part of the environmental monitoring records, also to include noise monitoring, record of weather conditions.

All environmental monitoring records will be available to view on site and available electronically.

In the event that trigger limits are exceeded or deemed unacceptable at any boundary monitoring location or at any other point around the site boundary then mitigation measures will be undertaken immediately via liaison with the site manager and will be recorded. Specific mitigation measures will vary depending on specific site and weather conditions.

**1.3 Dust Mitigation Measures**

Dust mitigation measures will be considered for each element of the works and will varying depending on what types of works taking place. Detailed below are dust mitigation measures that are to be used throughout the works include but are not limited to the following:

• Plan works to minimise dust by locating potentially dust generating works away from receptors where practicable.

• Limit vehicle speed on site and maintain haul roads in a good condition.

• All road going vehicles leaving the site will be inspected for mud on tyres and cleaned where required.

• During demolition works concrete dust suppression systems including jet washers and misting systems will be used to dampen down materials being processed and minimise dust generation.

• Roadways will be assessed for dust and debris and cleaned if required.

• Regular monitoring of weather conditions to be undertaken as part of the works to assess any required mitigation solutions and suspended works where required.

• Stockpiles and or materials that may generate dust in a static condition will be wetted if they are to remain on site.

**1.4 Complaints**

All complaints received regarding the works will be responded to promptly by the site management.

The initial action in response to a complaint will be to identify any operations that may be causing the complaint. An assessment of such activities and the point on the boundary nearest to the complaint will be carried out by an Engineer using the relevant equipment (PID, dust monitor, noise meter).

If dust or noise is reaching the boundary at levels in breach of trigger limits then the offending works will be suspended until such time that further mitigation measures can be put in place or weather conditions become more favourable.

If deemed necessary and with the complainant’s approval, investigation into the complaint may include a visit to the complainant’s property to hold further monitoring and to provide feedback. All records will be stored in hardcopy on site and electronically and will be available for inspection.