

Memo

Project: National Paediatric Hospital

Report Type: Summary of Dust Monitoring Results

Period of Monitoring: April 2017

Introduction

The requirement for Dust Monitoring on site is laid out in the Project Environmental Impact Statement (EIS) that would have been submitted as part of the Planning Permission for the project. A number of monitoring points around the perimeter of the site are used to record dust levels. The location and number of dust monitors may vary throughout the project depending on activities on site.

Dust Monitoring.

The monitors are examined monthly and the levels of dust recorded are compared to a dust limit of 350mg/m²/day set out in the Project EIS. The monitoring points are monitored on a 'trigger level' basis - so if a predetermined level of dust is exceeded the Main Contractor shall review work processes and modify as required to reduce the level of dust generated.

Number of Monitors on Site:

Nine

Location of Monitors:

Location of dust monitoring points (DMP) can be seen in Fig.1

Observations:

The report shows that of the 9 dust monitoring points 8 were compliant and the dust levels did not rise above the limit specified in the Project EIS. The highest compliant reading recorded for April was recorded at location DMP2, and read 78% of the limit specified in the Project EIS. The lowest value was recorded at location DMP7 and read 17% of the limit specified in the Project EIS.

Dust monitor DMP5a recorded a level of higher than the limit specified in the Project EIS. The reading was 166% of limit specified in the Project EIS. It was reported that additional mitigation measures were put in place to avoid future exceedances in this area of the site.

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Figure 1. Location of Dust monitors on site.