

Memo

Project: National Paediatric Hospital

Report Type: Summary of Dust Monitoring Results

Period of Monitoring: February 2018

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 during Monitoring Period:

Eleven

Location of Monitors:

The location of dust monitoring points for February 2018 (D1, D2, etc.) can be seen in Figure 1. The previous dust monitor locations for the period April to September 2017 are shown in Figure 2 for reference.

Observations:

The dust monitoring period for December extends from 2nd February 2018 to 8th March 2018.

Over this period, all monitors were tested on a monthly basis i.e. once. Monitor D4 is now included in the results after being omitted from the January report.

Overall, all dust monitors on site showed levels of dust lower than the levels specified in the Project EIS.

Dust Monitoring Point D6 recorded the highest reading and is located near the hospital entrance. The dust deposition rate was approximately 14% of the deposition rate limit specified in the Project EIS.



Figure 1. Location of Dust monitors on site (January 2018).

Memo

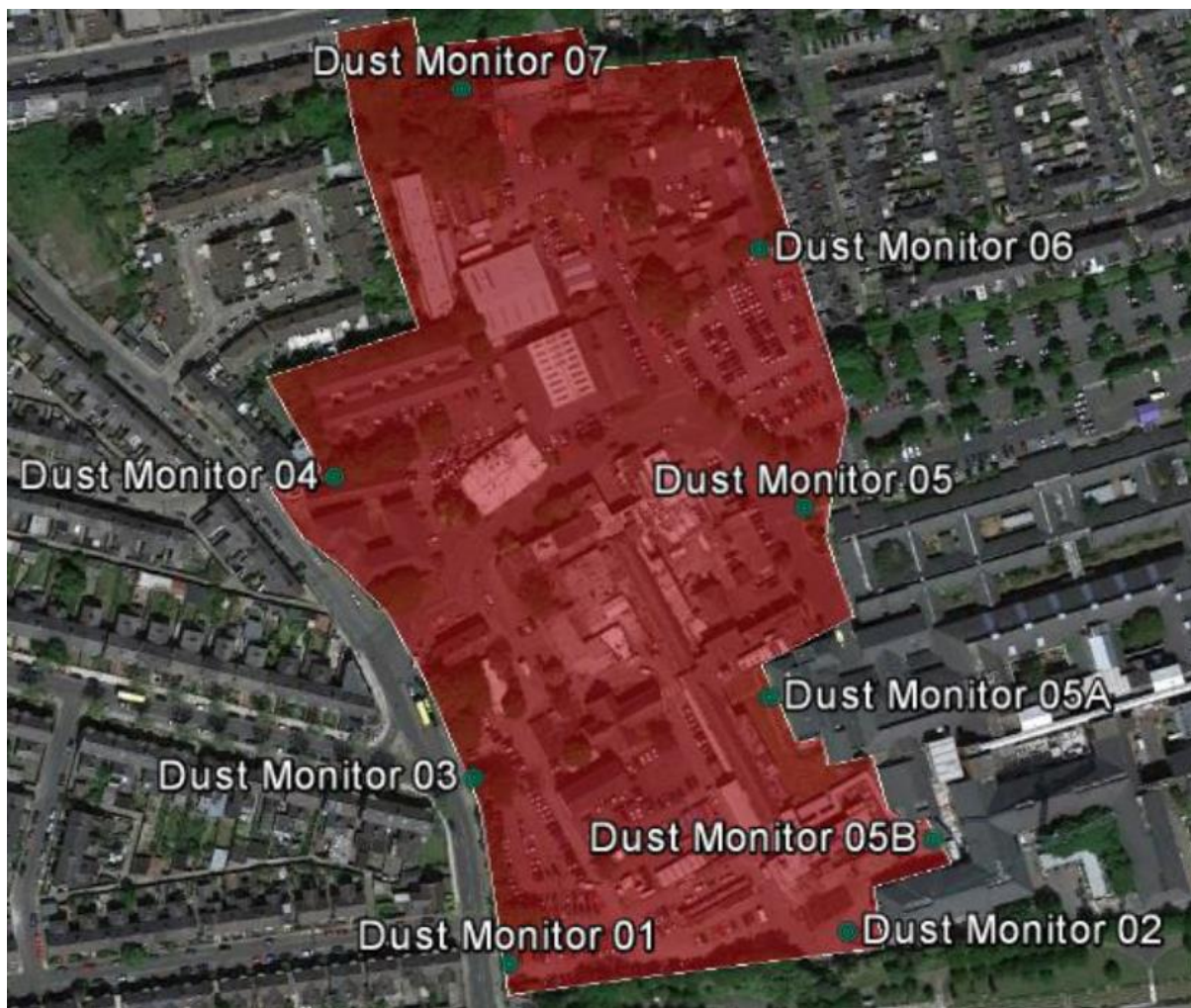


Figure 2. Previous location of Dust monitors on site (April 2017 to August 2017).