

Project: National Paediatric Hospital

Report Type: Summary of Dust Monitoring Results

Period of Monitoring: 15th October 2020 – 18th November

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.

Eleven Bergerhoff dust poles and gauges were placed on site by Mulroy Environmental on the 15th October to the 18th November 2020. The gauges were replaced on the 18th November 2020 and were collected via courier and shipped for laboratory analysis to Chemtest Ltd located in Suffolk, UK. The total number of days the dust gauges were in place on site was 35 days.

Number of Monitors on Site during Monitoring Period:

The results from all the 11 dust monitoring locations indicate that the construction site is in compliance with the limits (i.e. 350 mg/m²/day) set by Dublin City Council.

Location of Monitors:

The location of dust monitoring points can be seen in Figure 1.



Figure 1. Location of Dust monitors on site.

Observations:

No evidence of foreign matter was found by Chemtest Ltd. in the dust gauges following receipt of the samples. The dustfall limit laid down in the Environmental Management Plan is 350mg/m²/day. The results for the dust monitoring show that of the 11 dust gauges analysed, none had an exceedance of the 350mg/m²/day limit for the period of October 2020.

The results from all the 11 dust monitoring locations indicate that the construction site is in compliance with the limits (i.e. 350 mg/m²/day) set by Dublin City Council.