



Our ref: EN00170
Your ref: Mr S Abantu-Choudhury

Mr Abantu-Choudhury

Sent by e-mail to: request-1139-xxxxxxx@xxxxxxxxxxxxxxxxxxx

08 August 2008

Dear Mr Abantu-Choudhury



REQUEST FOR INFORMATION

We refer to your request for information under the Freedom of Information Act (FOIA) and/or the Environmental Information Regulations (EIR) received by the Olympic Delivery Authority (ODA) on 14 July 2008 requesting the following information:

I would like to have all the data for the air pollution monitor sited in Leabank Square, Berkshire Road, Hackney Wick, E9 please.

The monitor is situated in our wharf bank car park of Leabank Square - and is checked frequently by your staff.

I would like ALL the data - from the time that it was installed to present.

We confirm that we hold information of the description specified in your request and have displayed the data in the attached graph.

Two types of dust monitoring are carried out – Sticky Pad Depositional Dust and PM10. Dust and particulate matter is monitored at over 45 locations around the site using a variety of techniques. These techniques complement



MAYOR OF LONDON

each other to provide a comprehensive dust monitoring strategy. For example, one type provides real-time continuous monitoring which can be set up to send automatic text alerts of elevated levels to the environment team, so that that the relevant action can be taken. This is known as PM10 monitoring. Another type measures dust over a week, but looks at the direction which the dust is coming from. This provides information which, when used with wind direction information, can be help determine the primary source of the dust. This is known as Sticky Pad Depositional Dust monitoring and this is the type of air quality monitor which is located at Leabank Square, as refer to in your request.

There are over 40 Sticky Pad Depositional Dust monitoring locations across the Olympic Park where sticky pads are secured and are left for 7 days to gather information. During this period any dust in the air will adhere to the pad. The sticky pad is removed and taken to a laboratory where the amount of dust on the pad is measured using a light source and detector (a reflectometer). The more dust on the pad, the less light is reflected back to the detector.

The results are provided as % effective area coverage (EAC)/ day. This percentage is then compared to the guidance thresholds which are produced by the Environment Agency (**EA**). The EA provide a lower and an upper threshold, where the lower threshold acts as an early warning and mitigation measures are reviewed. If the upper threshold is exceeded primarily due to Olympic Park construction activities, this indicates that serious complaints would be received and therefore the works are stopped until a full review of working methodology is undertaken. These thresholds have been marked on the attached graph.

There is a Sticky Pad Depositional Dust monitor at/or near Leabank Sqaure. The graph of data collected from this site is attached. Where there the lower threshold has been exceeded, information was collated on wind direction and site activity to establish the source. If it was found to be that the site was the probable source, dust mitigation measures were reviewed and improved. For example, you will note that the lower threshold was exceeded towards the end of April 2008. Following investigation and confirmation that the wind direction was mostly from the site during the exposure period, a full review of dust suppression activities in the north part of the site was undertaken. This

resulted in increased water bowzers on site, a change in the routes taken by each water bowser and the application of a dust suppressant on exposed areas. At the end of May, you will note that there were further excesses of the lower threshold, however comparisons with other monitoring points and a review of wind direction during the exposure period, indicated the Olympic Park site was not the source of the dust causing this excesses.

We trust that this information satisfies your request for information. However, if you are not satisfied with the response to your request and wish to make a complaint, you should write to The Information Officer, Olympic Delivery Authority, One Churchill Place, Canary Wharf, London, E14 5LN. Please state detailed grounds for your complaint.

If you are not satisfied with the outcome of your complaint, you may apply directly to the Information Commissioner for a decision. Generally, the Information Commissioner will not make a decision unless you have exhausted the complaint procedure provided by the ODA. The Information Commissioner can be contacted at: The Information Commissioner's Office, Wycliffe House, Water Lane, Wilmslow, Cheshire SK9 5AF.

Yours sincerely

A handwritten signature in black ink, appearing to read 'PJ Jarvis', is positioned to the left of a vertical line.

Penelope Jarvis
Information Officer
Olympic Delivery Authority