

Mr B Greenall

FOIA Ref 2018/0008

By email only: [request-457859-  
ca8b12bf@whatdotheyknow.com](mailto:request-457859-ca8b12bf@whatdotheyknow.com)

5 February 2018

Dear Mr Greenall

**REQUEST FOR INFORMATION UNDER THE FREEDOM OF INFORMATION ACT  
2000**

Please find below TfGM's response to your Freedom of Information request which was received at this office on 16 January 2018.

***Information requested as set out below:***

***"Roadside pollution figures have recently been published for the borough of Wigan. Could you please supply me with the details recorded on the A580 at Golborne.***

- 1. The exact location of the monitoring sensors.***
- 2. The dates of the duration that the monitoring took place.***
- 3. Copies of the data for the various pollutants measured at this location."***

Please find attached the diffusion tube monitoring details for the sites in Wigan. The closest available site is location 52. The results are reported as an annual average after a bias adjustment has been calculated. The only monitoring that takes place at that location is for nitrogen dioxide. Additional monitoring is carried out at the automatic sites. The closest being Glazebury and Wigan, and the results can be viewed in the attached Annual Status Report (ASR).

NO<sub>2</sub> diffusion tubes are affected by several factors, which may cause them to have bias (over-read), or negative bias (under-read) relative to the reference technique. To compare with the Air Quality Standard (QS) objectives it is important that tubes are corrected (adjusted) by comparing with a chemiluminescent analyser reference method for NO<sub>2</sub>.

A bias factor is calculated using a spread sheet provided by Ricardo Energy & Environment. Bias factors are collated in a national database enabling a large number of factors at a range of different site locations using the same laboratory and analysis method. There is a choice of using a locally derived bias factor based on local data or using the national dataset.

The bias adjustment factor used for 2016 is 0.91.

You can also view the locations and results on the following map:

<https://www.google.co.uk/maps/@53.4726382,-2.6545902,12z/data=!4m2!6m1!1s16qq4gYdQtrL3Ct8h6Xp-5lyZUpM?hl=en&hl=en>

If you are not satisfied with the response in this letter you may ask for an internal review. If you would like an internal review you should contact me in the first instance. My e-mail address is at the end of this letter.

If you remain dissatisfied after an internal review has been undertaken, you have a right to apply to the Information Commissioner for a decision. The Information Commissioner can be contacted at:

Office of the Information Commissioner  
Wycliffe House  
Water Lane  
Wilmslow  
Cheshire  
SK9 5AF

[www.informationcommissioner.gov.uk](http://www.informationcommissioner.gov.uk)

Please remember to quote the above reference number in any future communications.

Yours sincerely  
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