

Date issued: 18 August 2021

Environmental Information Regulations Request

We are writing in response to your Environmental Information Regulations request. Your request has been considered in accordance with the requirements of the Environmental Information Regulations and our information access policy.

You asked for the following information:

"I am sending this request under the Environmental Information Regulations to ask for the following information:

For each of your kinds of train rolling stock, the latest available data on measurements of air quality and pollution within carriages, including concentrations of NO2, SO2, CO2, and particulates."

Having reviewed your questions, we are able to provide the following information:

Our New Fleet

The following trains have been purchased by TfW and are currently being manufactured:

- Class 398 City Link Tram Train
- Class 231
- Class 756

There is no data currently available for measurements of air quality and pollution within the carriages of these trains, as these models are new to the manufacturer and are still in production. It is worth noting that the Class 398 City Link Tram Train has no internal combustion engine incorporated within the design, meaning that the majority of pollution would come from the external environment; whilst the air conditioning system of the Class 231 and 756 conforms to the TSI standards to which they are being built, though they do have diesel engines.

Our Existing fleet:

TfW does not monitor air quality and pollution within carriages, and does not hold this information. Upon receipt of your request, TfW colleagues engaged with the manufacturers of our existing fleet (namely LHGS, CAT, Angel and Porterbrook), who have also stated that they do not hold this information. There is an ongoing research project currently being conducted by the Rail Safety and Standards Board (RSSB) across a broad spectrum of fleets UK-wide, though this research may not consider every model of train operated by TfW. Further information of RSSB's work around air quality can be found [here](#).

We hope this information is of use to you.

Yours sincerely,

Transport for Wales

Appeal Rights

If you are unhappy with the way your request has been handled and wish to make a complaint or request a review of our decision, please write to the Head of Freedom of Information at either Transport for Wales, 3 Llys Cdwyn, Pontypridd, CF37 4TH or freedomofinformation@tfw.wales. Your request must be submitted within 40 working days of receipt of this letter. If you are not content with the outcome of the internal review, you have the right to apply directly to the Information Commissioner for a decision.

The Information Commissioner (ICO) can be contacted at Information Commissioner's Office, Wycliffe House, Water Lane, Wilmslow, Cheshire, SK9 5AF or you can contact the ICO through the 'Make a Complaint' section of their website on this link: <https://ico.org.uk/make-a-complaint/>

The relevant section to select will be "Official or Public Information".