

Air Quality @ Hallcroft Road Whittlesey.....

After many 'complaints/enquiries @ FDC – they are escalating their own complaints to the suppliers/manufacturer about the length of time it is taking for the 'monitor to be returned.

We are continuing to raise our concerns and dissatisfaction with Ricardo who provide the monitor for Hallcroft Road. We are escalating our complaints with them in the hope they can raise the priority of our equipment for serving and returning.

I note your review of the data and agree with you that it is not ideal to calculate an annual mean with limited data. On occasions where data is missing we use nearby data sets if available or national data sets to support the data. We are fortunate to have access to SO2 data from two reference meters, one which is on Park Lane. Notification of any exceedances and annual data from these reference meters are sent to me from the Environmental Agency. I then publish this data in our annual screening reviews on our webpage.

*It is also worth noting that the Hallcroft Road monitor is a sensor that provides background, **indicative monitoring results only**, the advantage of this meter is that we have access to live data that we can publish on a publicly accessible portal.*

Whereas, the reference meters provide significantly more accurate results and have been in situ for many years. I will continue to make all data available as I am very encouraged in the interest to maintain and continually improve our air quality.

Please find the following summary of the monitoring results from the Hallcroft Road air quality meter.

The monitor is an indicative monitor, and it provides a measurement of particulate matter less than 10 microns (PM10) and less than 2.5 microns (PM2.5), nitrogen dioxide (NO2) and sulphur dioxide (SO2). These are all measured as an amount per cubic meter ($\mu\text{g}/\text{m}^3$)

The national air quality objective levels for human receptors and the monitored results gathered over 19 months for these pollutants are as follows:

Fenland District Council Monitoring Data

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Hallcroft Road (sensor) (FEN001)

Latitude: 52.556715
Longitude: -0.136082

Date Started: 02/02/2023
Environment: Suburban
Industrial

Site Comments
Site is located near aggregate & recycling centre and various other large scale industrial operations.

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Latest Data

No Data for a very long time

Results from FDC.

	National Objective Level	Hallcroft Road 2/2/23 to 31/12/23	Hallcroft Road 24/2/24 to 31/10/24
PM10 – a level of 50 µg/m ³ should not be exceeded more than 35 times a year.	50 µg/m ³ (35 occasions)	Maximum exceed on 0 occasions. Max level ever recorded was 47 µg/m ³	Maximum exceed on 0 occasions. Max level ever recorded was 38.3 µg/m ³
PM10 - the annual mean (yearly average) should be not higher than 40 µg/m ³ .	40 µg/m ³	14 µg/m ³	12.8 µg/m ³
PM2.5 – the annual mean (yearly average) should not be higher than 20 µg/m ³ .	20 µg/m ³	9 µg/m ³	8.1 µg/m ³
NO ₂ – a level of 200 µg/m ³ should not be exceeded for periods of 1 hours more than 18 times a year.	200 µg/m ³ (18 occasions)	Maximum exceed on 0 occasions. Max level ever recorded was 64 µg/m ³	Maximum exceed on 0 occasions. Max level ever recorded was 73.2 µg/m ³
NO ₂ - the annual mean should not exceed 40 µg/m ³ .	40 µg/m ³	12 µg/m ³	15.4 µg/m ³
SO ₂ – a level of 266 µg/m ³ should not be exceeded for period of 15 minutes more than 10 times a year.	266 µg/m ³ , 15 minutes, (10 Occasions)	0 exceedances	0 exceedances
SO ₂ - a level of 350 µg/m ³ should not be exceeded for a period of 1 hour more than 35 times a year,	350 µg/m ³ , 1 hours, (35 occasions)	0 exceedances. Maximum 1 hour recorded was 254 µg/m ³ .	0 exceedances. Max 1 hour recorded was 262.8 µg/m ³
SO ₂ - a level of 125 µg/m ³ should not be exceeded for periods of 24 hours more than three times a year.	125 µg/m ³ , 24 hours (3 occasions)	0 exceedances	0 exceedances
SO ₂ – Annual Mean No objective level for humans. A level of 20 µg/m ³	20 µg/m ³	19 µg/m ³	14.9 µg/m ³

should not be exceeded to protect vegetation and ecosystems.			
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So, in summary I am pleased to say that there have been no exceedances of any of the national air quality objective levels at the Hallcroft monitor since it was installed in 2023.

(RG Note, my thanks to Cheryl Wright and Cllr Dee Laws)

