

Dear Neighbours and Residents {shared 3rd April 2019}

Just a quick note covering the period April 1st to 9.00 am today. The device used by me is the "Flow" from Plume Laboratories left in one spot (hence the note of "No GPS data", because the instrument stayed in place – if the device detects movement, it starts to overlay the data onto a map).

My point is that SBC's reliance on "nitrogen dioxide diffusion tubes" along AQMA5 is not only inaccurate (for measuring NOx) but misleading because they do not measure periods as short as one hour and they omit Particulate Matter (2.5 and 10) and VOCs.

Kind regards,
Nigel



Pollution Stats: Monday & Tuesday (1st and 2nd April 2019) What is wrong with the "Diffusion Tubes" relied on by SBC?

24 hour+ period = "High" pollution:

From 8.05 am (1st April) to 1.00 am (3rd April) the average level of pollution has been "High" for 41 hours.

That exceeds the 'safe' period for "High" by 17 hours!

The average for all of Tuesday showed "exceedance" specifically for PM 2.5. and PM10

1 hour+ periods = "Very High" pollution:

1st April:

8.05 am – 10 am: NOx and VOCs. This measurement may reflect a period when engines are cold and inefficient?

2nd April:

5.24 am - 6.24 am: PM2.5 and PM10 – only just!

06.35 am - 13.20 pm: PM2.5 and PM10.

16.50 am - 18.20 pm: NOx and VOC (with a very nasty peak of ALL pollutants between 18.00 pm and

18.30 pm)

These measurements show very clearly how "diffusion tubes (NOx)" are idiotic and misleading about what is harming us and for how long.