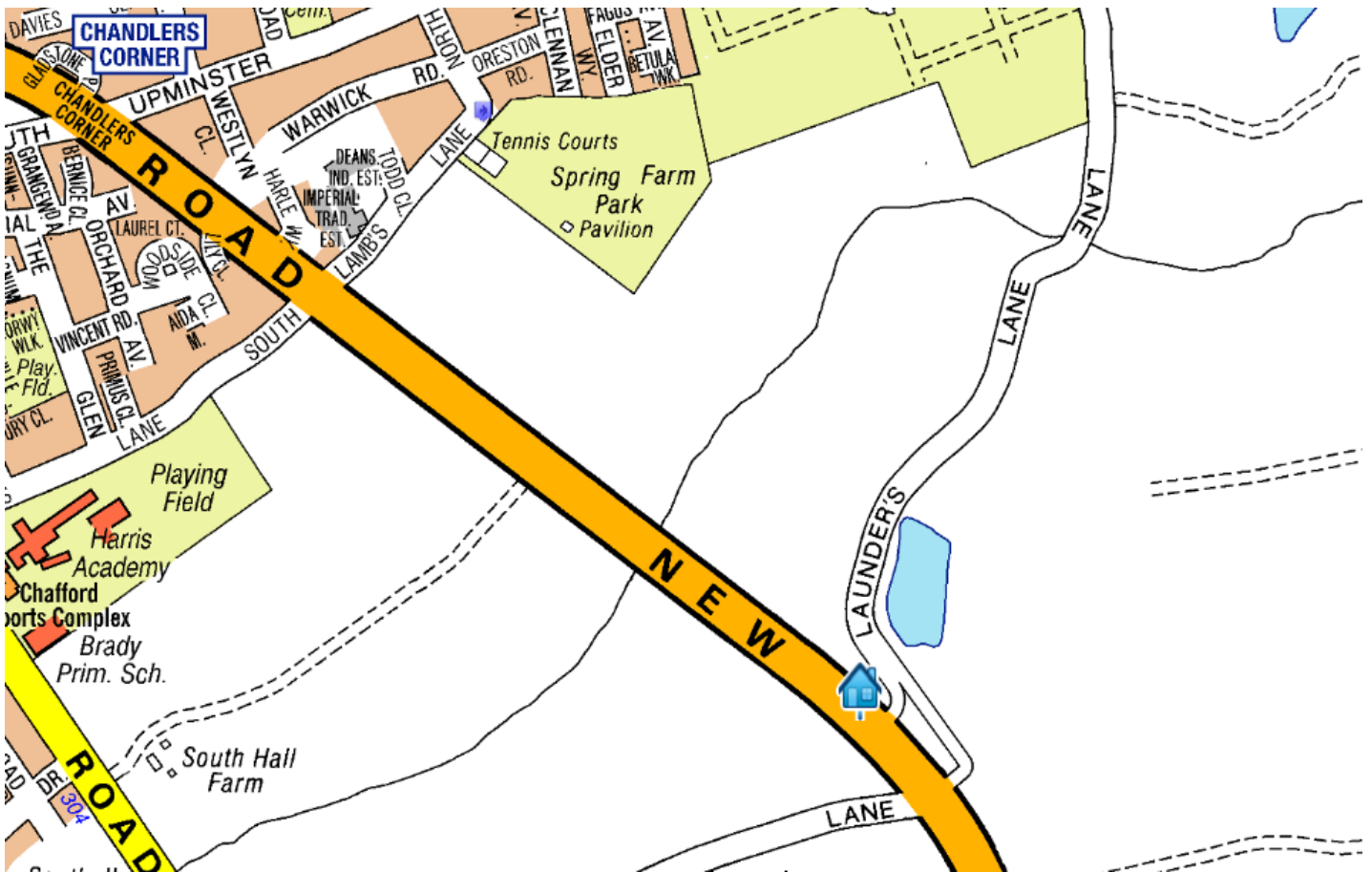


## Air Quality around Arnolds Field in May 2023

Data for May 2023 from the two new nodes, as well as pre-existing ones further away from Arnolds Field are shown below.

NB. The London Fire Brigade (LFB) report no call outs for fires at Arnolds Field during May 2023 as shown below in the LFB screenshot of the incident database. This shows that there have not been any incidents at Launder's Lane, with the closest being a rubbish fire on Lambs lane North (as denoted by the small flame icon situated near the tennis courts). This incident was timed at 06:58 on 9/5/22 and is the only one in the vicinity. A separate incident took place on 27<sup>th</sup> May on Frederick road (this is not in the vicinity of Launder's Lane) and is the only other incident of note in the area.



The data shows levels of particulates (PM<sub>2.5</sub>) and NO<sub>2</sub> in residential areas adjacent to Arnolds Field

In summary, levels of these two pollutants:

- displayed the same trends over time as seen in areas further away
- were similar to if not lower than that in areas further away
- PM<sub>2.5</sub> levels were consistently 'low' when compared to the short-term thresholds (daily mean) set in the UK Government's 'Daily Air Quality Index' (DAQI).
- NO<sub>2</sub> levels were consistently 'low' when compared to the short term thresholds (hourly mean) set in the UK Government's 'Daily Air Quality Index' (DAQI).

You can see further information about UK legal limits for [air pollution and guidance from the World Health Organisation \(WHO\)](#).

You can find data from all the nodes around Arnolds Field are shared in more or less real time on the Breathe London website.

May 2023 - PM2.5 Particles Level (Index) by Node Site (Daily)

Approx. distance from Arnolds Field	Site Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
0.5 km N	Acer Avenue	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1 km N	King Edwards Ave	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1.2 km NW	Rainham ref.	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1	2	1	2	1	1	1	1	1
3 km N	Scotts Primary	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3 km SW	Slade Green	1	1	1	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1
3.6 km W	Fontain Avenue	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6.5 km W	Goresbrook School	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7 km N	Cotleigh Road	1	1	1	2	1	1	1	1	1	1	1	1	2	2	1	1	2	1	2	1	1	1	1	2	1	1	1	1	1	1	1
10 km N	Bedfords Park	1	1	1	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1

Based on the daily mean concentration for historical data, latest 24 hour running mean of current day

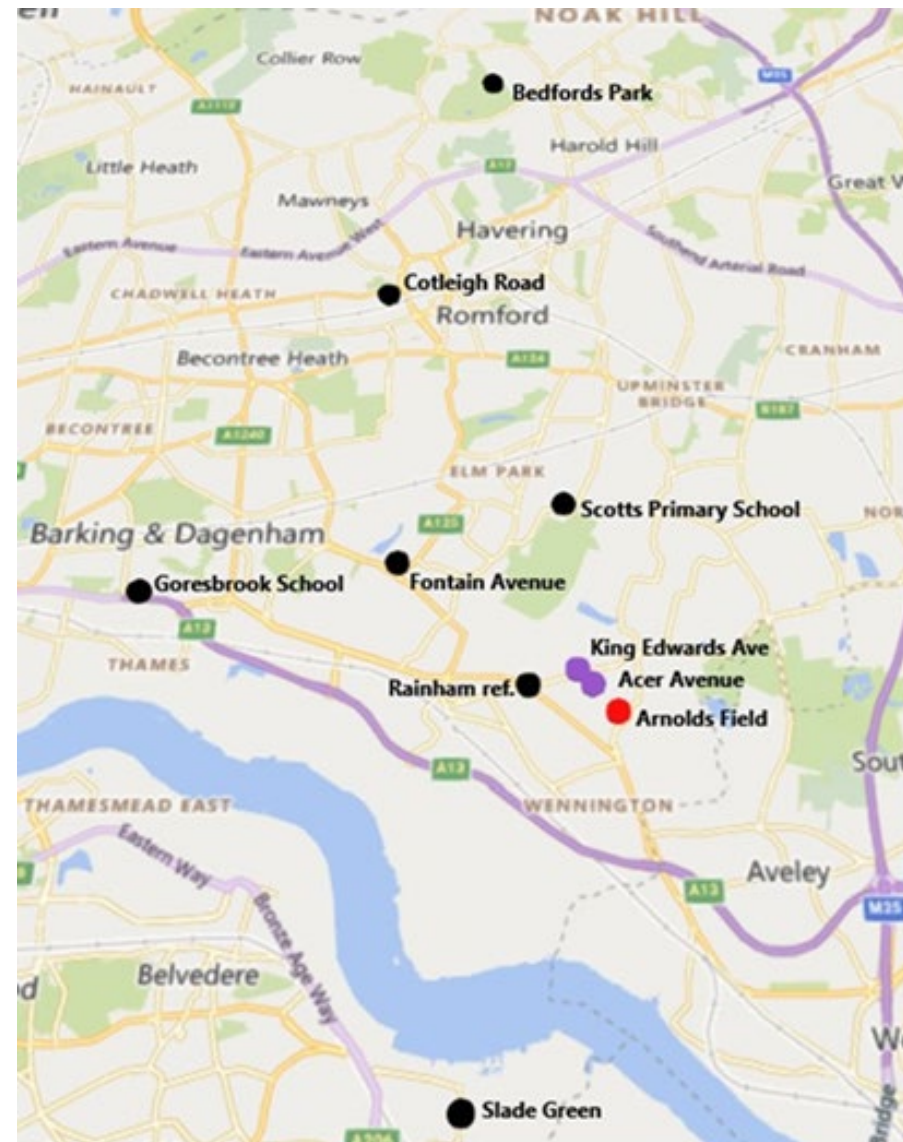
May 2023 - Nitrogen Dioxide Level (Index) by Node Site (Hourly)

Approx. distance from Arnolds Field	Site Name																								
0.5 km N	Acer Avenue																								
1 km N	King Edwards																								
1.2 km NW	Rainham (refer																								
3 km N	Scotts Primary																								
3 km SW	Slade Green																								
3.6 km	Fontain Avenue																								
6.5 km W	Goresbrook Schd																								
7 km N	Cotleigh Road																								
10 km N	Bedfords Park																								

Based on the hourly mean concentration

The reference stations and Breathe London Nodes on the homepage map are coloured according to the government's 'Daily Air Quality Index' (DAQI) shown below.

Band	Index	PM2.5 (24 hour mean mg/m3)	Nitrogen dioxide (1 hour mean mg/m3)
Low	1	0-11	0-66
	2	12-23	67-133
	3	24-35	134-200
Moderate	4	36-41	201-267
	5	42-46	268-334
	6	47-53	335-400
High	7	54-58	401-467
	8	59-64	468-534
	9	65-70	535-600
Very High	10	>71	>601



- Arnolds Field (Launders Lane)
- Additional Breathe London nodes
- Pre-existing air quality