

## **Bath Air Pollution 2019**

1. The data for nitrogen dioxide (NO<sub>2</sub>) pollution in Bath for 2019 are attached, and shown in graphical form for some key locations.
2. In 2019 B&NES introduced a number of new monitoring sites in connection with the Clean Air Plan. This included introducing a number of sites on the same road to ensure that the highest concentrations are measured. The sites were selected on the basis of the modelling work carried out for the Clean Air Plan and the monitoring guidance from DEFRA. For example there are now 4 diffusion tubes on Broad Street. DT003 is the site which was in situ last year and the others were added to expand the coverage. The guidance also recommended using triplicate diffusion tubes, where 3 diffusion tubes are located at the same location, to increase the accuracy of the results and so that if there is a fault on one tube it is easier to identify. Where a result is listed as a triplicate average, it is the average for the 3 diffusion tubes at that site. For the graphs, the same sites have been used as for previous years to ensure comparability.
3. The data show a continuing decline in air pollution levels on the main road network, although pollution remains well above the limit at a number of locations including Wells Road, where pollution levelled off in 2019, as shown in the graph. Key sites in the city centre remain above the legal limit and some showed a worrying increase in pollution in 2019. This demonstrates the continuing importance of the Clean Air Plan. The introduction of the Clean Air Plan has been delayed until 2021 as a result of the pandemic.
4. The data for 2020 will show a marked reduction in air pollution throughout the city as a result of the lockdown and the application of the weight limit at Cleveland Bridge which substantially reduced HGV traffic through the city.

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FoBRA Transport Lead

30 May 2020

## Bath NO2 monitoring 2019 $\mu\text{g}/\text{m}^3$

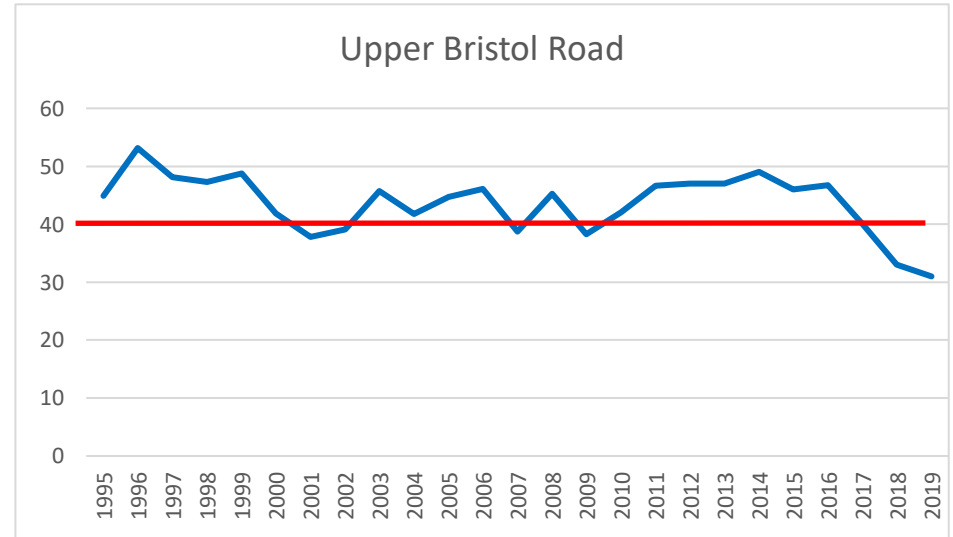
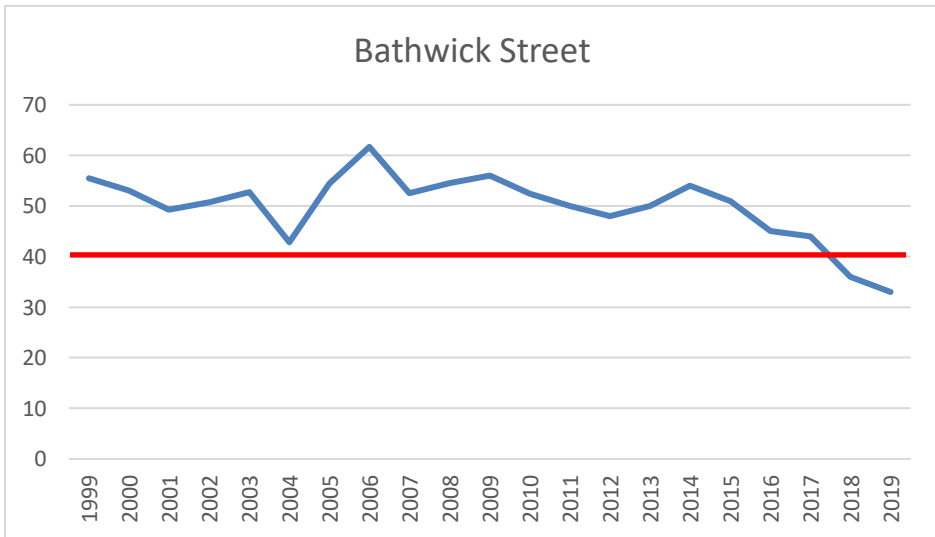
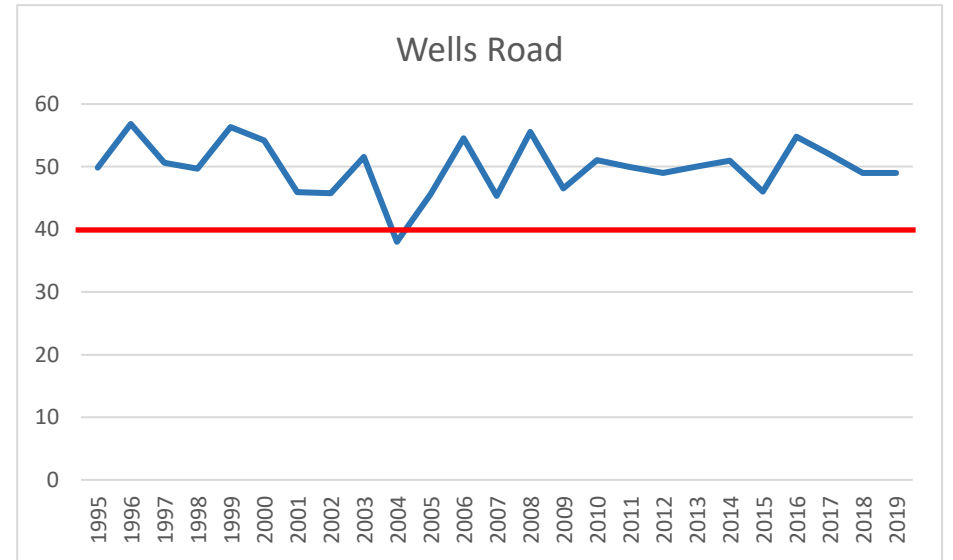
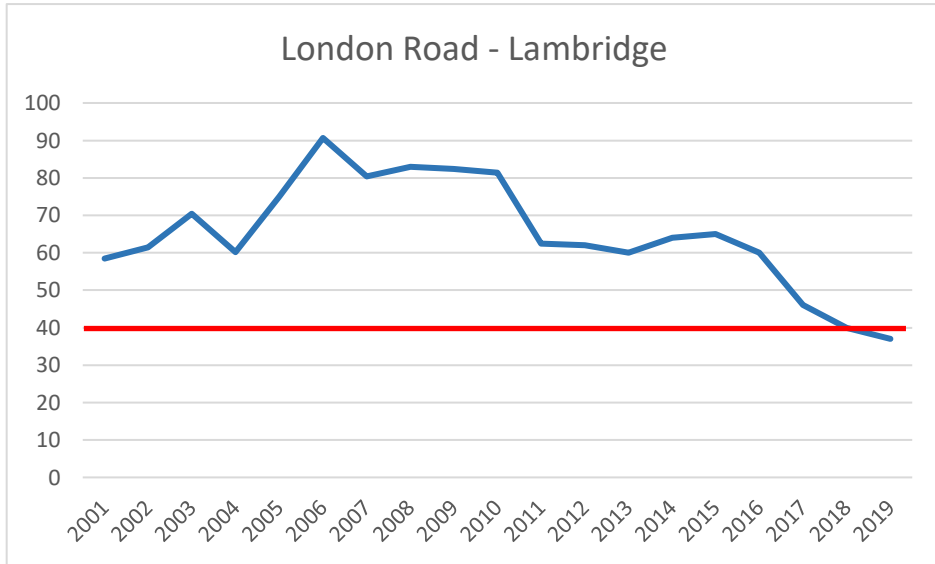
DT004 - George St	30.0
DT005 - Gay St - Top	30.9
DT008 - Windsor Bridge	28.4
DT009 - Upper Bristol Rd	30.9
DT014 - Bathwick St	33.4
DT015 - Beckford Rd	27.8
DT016 - Warminster Rd	31.3
DT017 - Widcombe School	29.7
DT018 - Widcombe High St	23.4
DT020 - Wells Rd (triplicate average)	49.6
DT021 - Wells Rd /Upper Oldfield Park ark	37.7
DT023 - Alexandra Park	11.2
DT026 - Upper Wellsway	27.3
DT034 - Newbridge Rd	31.6
DT037 - Charlotte St (triplicate average)	29.9
DT039 - Manvers St	32.9
DT042 - Dorchester St	48.6
DT043 - St. James Parade	39.1
DT045 - James St West	28.6
DT052 - Walcott Terrace (triplicate average)	36.5
DT055 - Lambridge	36.6
DT060 - Victoria Terrace	44.6
DT062 - Argyle Terrace	37.6
DT084 - Bearflat	30.8
DT085 - RUH North	26.7
DT087 - Oak Street	29.5
DT090 - Anglo Terrace (triplicate average)	45.7
DT142 - Prior Park Road	33.1
DT143 - Rackfield Place	26.4
DT145 - Lansdown Road	26.5
DT147 - Terrace Walk	29.6
DT148 - Julian Rd (triplicate average)	23.9
DT149 - Camden 3	25.4
DT150 - Brougham Hayes	29.8
DT151 - Widcombe Hill	27.0
DT152 - Bathwick Hill	25.4
DT153 - North Road	16.8
DT154 - Bradford Road	28.2
DT155 - Newbridge Hill 2	18.6
DT156 - Corn Street	27.9
DT157 - Charles Street	27.6
DT158 - Paragon 2	32.1
DT159 - Walcot Street	26.0
DT160 - North Parade Road	34.6
DT165 - Brassknocker Hill	37.1
DT167 - Weston High St	22.5
DT168 - Englishcombe Lane	13.7
DT169 - Eastbourne Ave	23.0

DT171 - Frome Road/Upper Bloomfield	27.1
DT172 - London Road 2 (triplicate average)	48.5
DT173 - Upper Bristol Road 2	33.5
DT179 - Upper Bristol Road 3 (triplicate average)	37.2
DT180 - Wells Road 2 (triplicate average)	34.3
DT181 - Wellsway	33.6
DT182 - Gay Street - Lower (triplicate average)	41.7
DT183 - Chapel Row	30.0
DT184 - Lansdown Road 2	36.6
DT185 - Greenway Lane	16.5
DT186 - Coronation Ave	20.5
DT187 - Stanley Road West	23.7
DT188 - Moorland Road	22.5
DT189 - Old Newbridge Hill	29.6
DT190 - Church Street	13.6
DT192 - Fairfield Road	16.2
DT193 - Granville Road	9.6
DT194 - Brooklyn Road	16.3
DT195 - Lansdown Lane	20.9
DT196 - Oakley	28.5
DT197 - Rush Hill	24.7
DT198 - Walcot Parade (triplicate average)	49.2
DT199 - Hensley Road	13.1
DT200 - Millmead Road	15.6
DT201 - The Hollow	24.0
DT202 - Charlcombe	14.4
DT206 - Park Lane (triplicate average)	28.6
DT207 - Darlington Street	38.4
DT208 - Widcombe Juniors	16.7
DT209 - Bellots Road	19.0
DT210 - Red Lion Roundabout	33.0
DT211 - St John's Road	21.3
DT212 - Oldfield Road	19.7
DT213 - Marlborough Lane (triplicate average)	21.4
DT214 - Marlborough Buildings (triplicate average)	19.3
DT215 - Queen Parade Place (triplicate average)	18.6
DT216 - Monmouth Place (triplicate average)	27.7
DT217 - Cavendish Road (triplicate average)	17.2
DT218 - Weston Road	19.2
DT219 - Morford Street	21.6
DT221 - Gay Street - façade	36.5
DT222 - Anglo Terrace façade (triplicate average)	49.4
DT223 - Canton Place (triplicate average)	37.8
DT224 - Walcot Parade 2 (triplicate average)	55.7
DT225 - Cleveland Terrace (triplicate average)	37.8
DT226 - AURN (triplicate average)	32.0
DT227 - Wells Road 3 (triplicate average)	40.7
DT228 - Lower Bristol Road 2 (triplicate average)	28.0
DT229 - Lower Bristol Road 3 (triplicate average)	36.2
DT230 - Upper Bristol Road 4 (triplicate average)	35.8

DT231 - Upper Bristol Road 5 (triplicate average)	41.6
DT232 - Lansdown Road 3 (triplicate average)	29.6
DT233 - Lansdown Road 4 (triplicate average)	23.1
DT234 - Gay Street 2 (triplicate average)	37.3
DT235 - Wells Road 4 (triplicate average)	37.3
DT236 - Pulteney Terrace (triplicate average)	30.1
DT237 - Broad Street 2	35.5
DT238 - Broad Street 3 (triplicate average)	34.1
DT239 - Broad Street 4 (triplicate average)	37.0
DT240 - Bathwick Street 2 (triplicate average)	30.6
DT241 - Bathwick Street 3 (triplicate average)	24.2
DT242 - Charlotte Street 2 (triplicate average)	24.2
DT243 - Sydney Place (triplicate average)	30.5
DT244 - Whiteway	18.6
DT245 - Whiteway 2	25.3
DT246 - Dorchester Street 2 (triplicate average)	39.0
DT247 - Monmouth Place 2 (triplicate average)	30.2
DT248 - Chapel Row 2 (triplicate average)	38.7
DT250 - Newton Road	17.5

# Bath air quality 2019 - NO<sub>2</sub> concentrations $\mu\text{g}/\text{m}^3$ (legal limit 40 $\mu\text{g}/\text{m}^3$ )

Source – B&NES Environmental Monitoring



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