

# **Lambeth Air Quality Annual Status Report for 2017**

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This report provides a detailed overview of air quality in Lambeth during 2017. It has been produced to meet the requirements of the London Local Air Quality Management statutory process<sup>1</sup>.

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In Lambeth this report has been presented at and/or sent to:

- Staying Healthy Board on 17 April 2018
- Environment Management meeting on 19 April 2018
- Neighbourhoods and Growth Divisional Management Team meeting on 25 April 2018
- Management Board on 1 May 2018
- The Air Quality Action Plan Steering Group on 22 May 2018

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<sup>1</sup> LLAQM Policy and Technical Guidance 2016 (LLAQM.TG(16)). <https://www.london.gov.uk/what-we-do/environment/pollution-and-air-quality/working-boroughs>

## CONTENTS

Abbreviations.....	3
1. Air Quality Monitoring.....	5
1.1 Locations.....	5
1.2 Comparison of Monitoring Results with AQOs.....	6
2. Action to Improve Air Quality.....	11
2.1 Air Quality Action Plan Progress.....	12
3. Planning Update and Other New Sources of Emissions.....	39
3.1 New or significantly changed industrial or other sources.....	40
Appendix A Details of Monitoring Site QA/QC.....	41
A.1 Automatic Monitoring Sites.....	41
A.2 Diffusion Tube Quality Assurance / Quality Control.....	41
A.3 Adjustments to the Ratified Monitoring Data.....	41
Appendix B List of Diffusion Tubes in Lambeth.....	44

### Tables

Table A. Summary of National Air Quality Standards and Objectives.....	4
Table B. Details of Automatic Monitoring Sites for 2017.....	5
Table C. Details of Non-Automatic Monitoring Sites for 2017.....	5
Table D. Annual Mean NO <sub>2</sub> Ratified and Bias-adjusted Monitoring Results (µg m <sup>-3</sup> ).....	6
Table E. NO <sub>2</sub> Automatic Monitor Results: Comparison with 1-hour Mean Objective.....	8
Table F. Annual Mean PM <sub>10</sub> Automatic Monitoring Results (µg m <sup>-3</sup> ).....	9
Table G. PM <sub>10</sub> Automatic Monitor Results: Comparison with 24-Hour Mean Objective.....	10
Table H. SO <sub>2</sub> Automatic Monitor Results: Comparison with Objectives.....	11
Table I. Delivery of Air Quality Action Plan Measures.....	12
Table J. Planning requirements met by planning applications in <i>Borough Name</i> in 2017.....	39
Table K. Short-Term to Long-Term Monitoring Data Adjustment.....	41

## **Abbreviations**

AQAP	Air Quality Action Plan
AQAPSG	Air Quality Action Plan Steering Group
AQMA	Air Quality Management Area
AQO	Air Quality Objective
BEB	Buildings Emission Benchmark
CAB	Cleaner Air Borough
CAZ	Central Activity Zone
EV	Electric Vehicle
GLA	Greater London Authority
LAEI	London Atmospheric Emissions Inventory
LAQM	Local Air Quality Management
LEL	Low Emission Logistics
LCAW	Lambeth Clean Air Week
LLAQM	London Local Air Quality Management
MAQF2	Mayor's Air Quality Fund Round 2
NRMM	Non-Road Mobile Machinery
PM <sub>10</sub>	Particulate matter less than 10 micron in diameter
PM <sub>2.5</sub>	Particulate matter less than 2.5 micron in diameter
TEB	Transport Emissions Benchmark
TfL	Transport for London

**Table A. Summary of National Air Quality Standards and Objectives**

<b>Pollutant</b>	<b>Objective (UK)</b>	<b>Averaging Period</b>	<b>Date<sup>1</sup></b>
Nitrogen dioxide - NO <sub>2</sub>	200 µg m <sup>-3</sup> not to be exceeded more than 18 times a year	1-hour mean	31 Dec 2005
	40 µg m <sup>-3</sup>	Annual mean	31 Dec 2005
Particles - PM <sub>10</sub>	50 µg m <sup>-3</sup> not to be exceeded more than 35 times a year	24-hour mean	31 Dec 2004
	40 µg m <sup>-3</sup>	Annual mean	31 Dec 2004
Particles - PM <sub>2.5</sub>	25 µg m <sup>-3</sup>	Annual mean	2020
	Target of 15% reduction in concentration at urban background locations	3 year mean	Between 2010 and 2020
Sulphur Dioxide (SO <sub>2</sub> )	266 µg m <sup>-3</sup> not to be exceeded more than 35 times a year	15 minute mean	31 Dec 2005
	350 µg m <sup>-3</sup> not to be exceeded more than 24 times a year	1 hour mean	31 Dec 2004
	125 µg m <sup>-3</sup> not to be exceeded more than 3 times a year	24 hour mean	31 Dec 2004

Note: <sup>1</sup> by which to be achieved by and maintained thereafter

## **1. Air Quality Monitoring**

### **1.1 Locations**

**Table B. Details of Automatic Monitoring Sites for 2017**

Site ID	Site Name	X (m)	Y (m)	Site Type	In AQMA?	Distance from monitoring site to relevant exposure (m)	Distance to kerb of nearest road (N/A if not applicable) (m)	Inlet height (m)	Pollutants monitored	Monitoring technique
LB4	Brixton Road	531070	175593	Kerbside	Y	1	0.1	2	NO <sub>2</sub> , PM <sub>10</sub>	BAM1020, NO <sub>x</sub> Analyser
LB5	Vauxhall Bondway Interchange	530317	177952	Industrial	Y	5	3	2	NO <sub>2</sub> , PM <sub>10</sub> , SO <sub>2</sub>	BAM1020, NO <sub>x</sub> Analyser, SO <sub>2</sub> Analyser
LB6	Streatham Green	529971	171570	Background	Y	15	6	2	NO <sub>2</sub> , PM <sub>10</sub>	BAM1020, NO <sub>x</sub> Analyser

**Table C. Details of Non-Automatic Monitoring Sites for 2017**

In 2017 Lambeth started diffusion tube monitoring around the borough; we now have 50 diffusion tubes on street. The data from these tubes will be included in the 2018 ASR; we do not have sufficient data to include in the 2017 ASR. For a map of the diffusion tubes in Lambeth please visit <https://drive.google.com/open?id=1AQIhjmS7s85TXWuo3kPp75Yghl4&usp=sharing>. A list of diffusion tube locations is available in Appendix B.

## 1.2 Comparison of Monitoring Results with AQOs

The results presented are after adjustments for “annualisation” and for distance to a location of relevant public exposure, the details of which are described in Appendix A.

**Table D. Annual Mean NO<sub>2</sub> Ratified and Bias-adjusted Monitoring Results (µg m<sup>-3</sup>)**

Site ID	Site type	Valid data capture for monitoring period % <sup>a</sup>	Valid data capture 2017 % <sup>b</sup>	Annual Mean Concentration (µg m <sup>-3</sup> )						
				2011 <sup>c</sup>	2012 <sup>c</sup>	2013 <sup>c</sup>	2014 <sup>c</sup>	2015 <sup>c</sup>	2016 <sup>c</sup>	2017 <sup>c</sup>
LB4 (Brixton Road)	Automatic	NA	98	<u>158</u>	<u>162</u>	<u>112</u>	<u>149</u>	<u>129</u>	<u>92 (118)</u>	75 (95) <sup>d</sup>
LB5 (Vauxhall Bondway Interchange)	Automatic	NA	80	<u>77</u>	<u>72</u>	<u>62 (64.9)</u>	<u>71</u>	<u>75</u>	<u>65 (69)</u>	61 (65) <sup>d</sup>
LB6 (Streatham Green)	Automatic	NA	84	38	37	<b>43 (44.9)</b>	37 (38.1)	29	33 (34)	28.8(29) <sup>d</sup>

Notes: Exceedance of the NO<sub>2</sub> annual mean AQO of 40 µg m<sup>-3</sup> are shown in **bold**.

NO<sub>2</sub> annual means in excess of 60 µg m<sup>-3</sup>, indicating a potential exceedance of the NO<sub>2</sub> hourly mean AQS objective are shown in bold and underlined.

<sup>a</sup> data capture for the monitoring period, in cases where monitoring was only carried out for part of the year

<sup>b</sup> data capture for the full calendar year (e.g. if monitoring was carried out for six months the maximum data capture for the full calendar year would be 50%)

<sup>c</sup> Means should be “annualised” in accordance with LLAQM Technical Guidance, if valid data capture is less than 75%

<sup>d</sup> Means results have been adjusted for distance to a location of relevant public exposure in accordance with LLAQM Technical Guidance. For comparison, values in brackets show actual annual mean readings at each monitoring station

The LB4 kerbside site at Brixton Road significantly exceeded the objective in 2017. It has exceeded the objective for all years reported and consistently monitored some of the highest concentrations in London. However the result in 2017 is lower than the previous year, with the overall trend suggesting a fall; NO<sub>2</sub> concentration levels are still a concern at this site as a number of people live and work in the area.

The LB5 industrial site at Vauxhall Bondway Interchange exceeded the objective in 2017 with a slightly lower result than in 2016. This site is located close to the busy Vauxhall gyratory and a major bus station. The nearest receptors at this site are people using the bus interchange. The Vauxhall bus station will be redeveloped in the coming years and the air quality monitoring station will have to be relocated to accommodate the new bus station layout.

The background site at Streatham Green (LB6) did not exceed the annual mean objective of 40 µg m<sup>-3</sup> for 2017. This result was lower than in 2016 and suggests a slight downward trend since 2013 (except 2016). Results in 2010-2014 were borderline or exceeding the AQO.

**Table E. NO<sub>2</sub> Automatic Monitoring Results: Comparison with 1-hour Mean Objective**

Site ID	Valid data capture for monitoring period % <sup>a</sup>	Valid data capture 2017 % <sup>b</sup>	Number of Hourly Means > 200 µg m <sup>-3</sup>						
			2011 <sup>c</sup>	2012 <sup>c</sup>	2013 <sup>c</sup>	2014 <sup>c</sup>	2015 <sup>c</sup>	2016 <sup>c</sup>	2017 <sup>c</sup>
LB4 (Brixton Road)	NA	98	<b>1632</b>	<b>2182</b>	<b>250</b>	<b>1732</b>	<b>883</b>	<b>539</b>	<b>75</b>
LB5 (Vauxhall Bondway Interchange)	NA	80	4	4 (182)	0 (161)	3	4	1	0
LB6 (Streatham Green)	NA	85	0	0	2 (143)	0 (135)	0	0 (0)	0

Notes: Exceedance of the NO<sub>2</sub> short term AQO of 200 µg m<sup>-3</sup> over the permitted 18 days per year are shown in **bold**.

<sup>a</sup> data capture for the monitoring period, in cases where monitoring was only carried out for part of the year

<sup>b</sup> data capture for the full calendar year (e.g. if monitoring was carried out for six months the maximum data capture for the full calendar year would be 50%)

<sup>c</sup> Means should be “annualised” in accordance with LLAQM Technical Guidance, if valid data capture is less than 75%

LB4 Brixton Road exceeded the annual limit for hourly mean NO<sub>2</sub> concentrations > 200 µg m<sup>-3</sup> in the first five days of 2017. For all of 2017, the objective limit was exceeded by a significant margin. However, when compared to previous years the number of exceedances has reduced significantly. This is the lowest result since 2011 and continues the sharp downward trend from 2014.

Both LB5 Vauxhall Bondway Interchange and LB6 Streatham Green have met the objective.

**Table F. Annual Mean PM<sub>10</sub> Automatic Monitoring Results (µg m<sup>-3</sup>)**

Site ID	Valid data capture for monitoring period % <sup>a</sup>	Valid data capture 2017 % <sup>b</sup>	Annual Mean Concentration (µg m <sup>-3</sup> )						
			2011 <sup>c</sup>	2012 <sup>c</sup>	2013 <sup>c</sup>	2014 <sup>c</sup>	2015 <sup>c</sup>	2016 <sup>c</sup>	2017 <sup>c</sup>
LB4 (Brixton Road)	NA	81	37	39	32 (32.3)	30 (29.8)	28 (26.9)	40	35
LB5 (Vauxhall Bondway Interchange)	NA	94	<b>43</b>	29	38 (39.2)	40	<b>43</b>	39 (38)	37
LB6 (Streatham Green)	NA	47	27	27	17 (17.6)	24 (22.8)	18.2 (19)	20 (22)	28 (26) <sup>c</sup>

Notes: Exceedance of the PM<sub>10</sub> annual mean AQO of 40 µg m<sup>-3</sup> are shown in **bold**.

<sup>a</sup> data capture for the monitoring period, in cases where monitoring was only carried out for part of the year

<sup>b</sup> data capture for the full calendar year (e.g. if monitoring was carried out for six months the maximum data capture for the full calendar year would be 50%)

<sup>c</sup> Means should be “annualised” in accordance with LLAQM Technical Guidance, if valid data capture is less than 75%. Value before annualisation is shown in brackets

At Brixton Road LB4 kerbside monitoring station the annual mean PM<sub>10</sub> objective was met with a noticeable fall from 2016 levels. This was still higher than levels from 2013-2015.

The results from Vauxhall Bondway Interchange LB5 industrial site continued the downhill trend since 2015. However, this result is still close to the objective level and the site remains a concern due to borderline results in previous years. The area has seen significant construction activity in 2017 with a number of large developments in close proximity to the site. In early 2017 a number of PM<sub>10</sub> pollution spikes were recorded, we have been working with developers in Nine Elms and with Wandsworth throughout 2017 to address this issue and inspect sites for NRMM compliance.

At Streatham Green LB6 urban background monitoring station the annual mean PM<sub>10</sub> objective was met but the annual mean concentration of PM<sub>10</sub> was the highest recorded since 2012. There does not appear to be a significant trend in results over the past 7 years with mean concentrations that range between 17 and 27 µg m<sup>-3</sup>.

**Table G. PM<sub>10</sub> Automatic Monitoring Results: Comparison with 24-Hour Mean Objective**

Site ID	Valid data capture for monitoring period % <sup>a</sup>	Valid data capture 2017 % <sup>b</sup>	Number of Daily Means > 50 µg m <sup>-3</sup>						
			2011 <sup>c</sup>	2012 <sup>c</sup>	2013 <sup>c</sup>	2014 <sup>c</sup>	2015 <sup>c</sup>	2016 <sup>c</sup>	2017 <sup>c</sup>
LB4 (Brixton Road)	NA	81	36	<b>55</b>	13 (46.6)	12 (43.7)	11 (39.5)	<b>57</b>	27
LB5 (Vauxhall Bondway Interchange)	NA	94	<b>89</b>	15	22 ( <b>53.8</b> )	<b>62</b>	<b>73 (60.6)</b>	<b>43 (62.7)</b>	<b>64</b>
LB6 (Streatham Green)	NA	47	20 (46.8)	12 (41.7)	4 (27.4)	10 (40.44)	1 (34.5)	2 (33.8)	11 (10) <sup>c</sup>

Notes: Exceedance of the PM<sub>10</sub> short term AQO of 50 µg m<sup>-3</sup> over the permitted 35 days per year or where the 90.4th percentile exceeds 50 µg m<sup>-3</sup> are shown in **bold**. Where the period of valid data is less than 85% of a full year, the 90.4<sup>th</sup> percentile is shown in brackets after the number of exceedances.

<sup>a</sup> data capture for the monitoring period, in cases where monitoring was only carried out for part of the year

<sup>b</sup> data capture for the full calendar year (e.g. if monitoring was carried out for six months the maximum data capture for the full calendar year would be 50%)

<sup>c</sup> Means should be “annualised” in accordance with LLAQM Technical Guidance, if valid data capture is less than 75%. Value before annualisation is shown in brackets

Brixton Road LB4 met the objective in 2017 with a significant improvement on 2016 exceedances. However, the number of exceedances recorded in 27 is greater than levels recorded 2013-2015. We will continue to monitor PM10 levels at this location.

Vauxhall Bondway Interchange LB5 has recorded a breach with a significant increase in exceedances recorded in 2017 when compared to 2016. In early 2017 a number of PM spikes were recorded at this location which were attributed to construction activities in the nearby Nine Elms development area. We have been working with developers in Nine Elms and with the neighbouring London Borough of Wandsworth, where the majority of construction activity is taking place, to address this issue.

Streatham Green LB6 met the objective however an increase in daily mean exceedances was noted when compared to 2016 levels results.

**Table H. SO<sub>2</sub> Automatic Monitor Results: Comparison with Objectives**

Site ID	Valid data capture for monitoring period % <sup>a</sup>	Valid data capture 2017 % <sup>b</sup>	Number of: <sup>c</sup>		
			15-minute means > 266 µg m <sup>-3</sup>	1-hour mean > 350 µg m <sup>-3</sup>	24-hour mean > 125 µg m <sup>-3</sup>
LB5 (Vauxhall Cross Interchange)	NA	93%	0	0	0

Exceedances of the SO<sub>2</sub> AQOs are shown in **bold** (15-min mean = 35 allowed a year, 1-hour mean = 24 allowed a year, 24-hour mean = 3 allowed / year)

<sup>a</sup> data capture for the monitoring period, in cases where monitoring was only carried out for part of the year

<sup>b</sup> data capture for the full calendar year (e.g. if monitoring was carried out for six months the maximum data capture for the full calendar year would be 50%)

<sup>c</sup> Means should be "annualised" in accordance with LLAQM Technical Guidance, if valid data capture is less than 75%

There were no exceedances of SO<sub>2</sub> concentrations which is in line with previous years' results.

## **2. Action to Improve Air Quality**

### **2.1 Air Quality Action Plan Progress**

Table I provides a brief summary of Lambeth’s progress at delivering its Air Quality Action Plan.

**Table I. Delivery of Air Quality Action Plan Measures**

<b>Ref</b>	<b>Action</b>	<b>Responsible</b>	<b>Deadline</b>	<b>Update</b>
1.1	Include a policy on air quality as part of the Local Plan review	Director of Growth, Planning and Employment	March 2019	<ul style="list-style-type: none"> <li>Lambeth consulted on a partial review of its Local Plan between September and December 2017. The consultation included an <a href="#">air quality survey</a> for citizens to give their thoughts on how development in Lambeth can contribute to improving air quality</li> <li>As part of the consultation, officers from Planning Policy gave a presentation to the Lambeth Air Quality Action Plan Steering Group on 18 October 2017</li> <li>In December 2017 the draft New London Plan was published for consultation. Lambeth Council responded to the consultation, which included comments on the draft air quality policy. Lambeth Council is generally supportive of the new London Plan air quality policy subject to a few suggestions for improved clarity</li> <li>As part of the Local Plan review, officers are considering whether a Lambeth Local Plan policy on air quality is necessary or whether the new London Plan policy on air quality meets our needs</li> <li>As per the consultation <a href="#">timetable</a>, it is expected the submission version Local Plan will be published in 2019 for independent examination</li> </ul>
1.2	Work with neighbourhood planning forums on area-specific air quality policies	Director of Growth, Planning and Employment	Throughout Plan	<ul style="list-style-type: none"> <li>Lambeth Sustainability and Planning Policy officers attended a meeting on 12 June 2017 with local residents to discuss air quality policies to be included in <a href="#">South Bank and Waterloo Neighbourhood Plan (SoWN)</a></li> <li>In September 2017 officers provided written advice on the SoWN neighbourhood plan, including their air quality policy</li> </ul>

	in emerging neighbourhood plans			<ul style="list-style-type: none"> <li>Lambeth remains open to help any local community which wants to write a Neighbourhood Plan</li> <li>A representative of Kennington, Oval and Vauxhall (KOV) Neighbourhood Forum is a member of the Air Quality Action Plan Steering Group</li> <li>KOV are currently consulting on their pre-submission NP which includes a policy on air quality and officers will need to provide comments by 9 May 2018</li> </ul>
1.3a	Explore the potential for allocation of funds from s106 planning obligations aimed at offsetting air quality impacts from a development.	Director of Growth, Planning and Employment	Throughout Plan	<ul style="list-style-type: none"> <li>In December 2017, £45,000 of the neighbourhood funding element of the Community Infrastructure Levy (NCIL) was approved for air quality work across the <a href="#">seven CLIP areas</a> for 2018/19 and 2019/20</li> <li>With the development of more stringent air quality policy in the London Plan (draft published November 2017) and the revised Lambeth Local Plan, it is expected there will be more leverage to generate s106/CIL for air quality</li> </ul>
1.3b	Explore potential to add an Air Quality Fund should Lambeth CIL Charging Schedule be reviewed	Director of Growth, Planning and Employment	Throughout Plan	<ul style="list-style-type: none"> <li>At present there are no plans to review the Lambeth CIL Charging Schedule</li> </ul>
1.4	Identify and manage the impact of growth and regeneration on waste	Director of Growth, Planning and Employment	Throughout Plan	<ul style="list-style-type: none"> <li>Our <a href="#">Air Quality Planning Guidance Note</a> asks Air Quality Assessments submitted with planning applications to consider the impact of industrial processes regulated under the Environmental Permitting Regulations (EPR). Lambeth Sustainability is consulted on all air quality aspects of major planning applications and also applications affecting sensitive receptors such as schools. Lambeth also publishes <a href="#">a map of Part B industrial processes regulated under the EPR</a> on our website, alongside the <a href="#">LAPPC public register</a>, to inform Air</li> </ul>

	management and industrial processes regulated under the Environmental Permitting Regulations			<p>Quality Assessments as well as decisions taken by Council officers. Lambeth has no Part A installations</p> <ul style="list-style-type: none"> <li>Whenever a planning application is received by Lambeth Sustainability, it is checked to see whether any waste management processes are nearby</li> <li>Please also see Action Point 9</li> </ul>
2.1	Educate and raise awareness amongst developers of Non-Road Mobile Machinery (NRMM) and enforce NRMM policies	Director of Environment	March 2019	<ul style="list-style-type: none"> <li>Lambeth is part of a project led by Merton funded by the Mayor's Air Quality Fund to raise awareness and enforce NRMM. Throughout 2017 Merton compliance officers inspected 19 major developments in the borough and engaged with developers to raise awareness about NRMM emission standards and to ensure compliance</li> <li>Every quarter Lambeth Planning Enforcement and Lambeth Sustainability send Merton updated information on newly permitted, imminent developments with NRMM conditions</li> <li>On 14 and 16 March 2017 a Lambeth Sustainability officer accompanied a Merton compliance officer during site inspections of two major developments in the borough</li> <li>NRMM standards are set out in our <a href="#">Air Quality Planning Guidance Note</a> for developers</li> <li>NRMM is now a standard condition for all major developments in Lambeth outside the Central Activities Zone and all major and minor developments in the Central Activities Zone. In addition, when commenting on planning applications for air quality, Sustainability officers include an NRMM condition in their recommendations and ensure that NRMM emission standards are correctly referenced in Construction (Environmental) Management Plans submitted by developers for approval</li> </ul>
2.2	Develop internal processes to continue to educate and raise awareness amongst developers of	Director of Environment	Throughout Plan	<ul style="list-style-type: none"> <li>Further to Action 2.5, it has been agreed to employ two officers in 2018 to be responsible for all aspects of construction enforcement, including NRMM, in Waterloo and Nine Elms</li> <li>For areas outside Waterloo and Nine Elms, in 2018 the Mayor's Air Quality Fund (MAQF) Round 3 will be opened. The funding guidelines are not yet known, but if an NRMM enforcement project qualifies, Lambeth will liaise with other boroughs to determine whether there is interest to submit a joint bid. If the scheme does not qualify for MAQF or there is not sufficient interest from other boroughs, Lambeth will investigate other options to promote and enforce NRMM outside Waterloo and Nine Elms</li> </ul>

	NRMM; and enforce NRMM policies after funding expires in March 2019			
2.3	Continue to research pollution mitigation measures as part of London Low Emission Construction Partnership (LLECP); promote LLECP scheme, findings and recommendations among developers operating in the borough	Director of Environment	March 2019	<ul style="list-style-type: none"> <li>• <a href="#">LLECP</a> is funded by MAQF and we are partnered with KCL and other London boroughs. This is a research project to develop and trial construction equipment which is less polluting. Funding is until March 2019</li> <li>• Lambeth is one of 6 local authorities which has been members of <a href="#">LLECP</a> since the project was first established in 2013 during the first round of MAQF. The project has since grown to 12 partner boroughs. In 2017 we continued to take an active role by promoting <a href="#">LLECP</a>'s work and exchanging information and knowledge within the partnership</li> <li>• We participated in and assisted during an NRMM seminar for the construction industry organised by LLECP lead King's College London at City Hall on 3 February 2017</li> <li>• Lambeth Sustainability promotes LLECP's work when liaising with developers in the borough, <a href="#">on our website</a> and wherever an opportunity arises, for example at our stall at <a href="#">Lambeth Country Show</a> 2017</li> </ul>
2.4	Continue work and legacy of LLECP after funding expires in March 2019	Director of Environment	March 2022	<ul style="list-style-type: none"> <li>• Work yet to start, as we are waiting to see if LLECP receives additional funding in MAQF3</li> </ul>

2.5	Carry out an investigation into whether a Construction Impact Monitoring Officer(s) should be recruited to monitor and enforce against dust from construction	Director of Environment	October 2018	<ul style="list-style-type: none"> <li>As per Action 2.2, it has been agreed to employ two officers in 2018 to be responsible for all aspects of construction enforcement, including monitoring and enforcing dust control, in Waterloo and Nine Elms, where there is the majority of construction in Lambeth</li> <li>In February 2017 an additional Sustainability officer was recruited in Lambeth; there are now two Sustainability Officers. For areas outside Waterloo and Nine Elms, these officers will monitor and enforce dust control from construction in partnership with colleagues from Planning Enforcement</li> </ul>
3	CHP and biomass air quality policies	Director of Growth, Planning and Employment	Throughout Plan	<ul style="list-style-type: none"> <li>Our <a href="#">Air Quality Guidance Note</a> includes our policies and guidelines on CHP, biomass plant and ultra-low NOx boilers</li> <li>Lambeth Sustainability is consulted on all air quality aspects of major planning applications and applications affecting sensitive receptors such as schools. This includes review of emissions from proposed energy centres. Relevant emissions standards in line with the <a href="#">Sustainable Design and Construction SPG</a> are secured by planning condition</li> <li>During 2017, an additional officer was recruited to the Sustainability team and we have now heavily increased the amount of planning applications we comment on for air quality. With the increase of planning applications, we have been working closely with Planning Officers and Developers to increase their knowledge regarding air quality on a one-on-basis. Prior to adoption of the new London Plan (anticipated autumn 2019), training will need to be provided to Planning Officers and the Planning Committee on implementation of air quality policy within the development plan</li> </ul>
4	Implementing London Plan Air Quality Neutral Policy	Director of Growth, Planning and Employment	Throughout Plan	<ul style="list-style-type: none"> <li>Our <a href="#">Air Quality Guidance Note</a> includes guidance on implementing the London Plan's Air Quality Neutral Policy</li> <li>Lambeth Sustainability is consulted on all air quality aspects of major planning applications and applications affecting sensitive receptors such as schools. This includes a review of Air</li> </ul>

				Quality Neutral assessments for both buildings and transport and of proposed mitigation if London Plan's transport and/or building emissions benchmarks are not met
5	Ensuring adequate, appropriate, and well located green space and infrastructure is included and protected in developments	Director of Growth, Planning and Employment	Throughout Plan	<ul style="list-style-type: none"> <li>Lambeth Sustainability is consulted on all air quality aspects of major planning applications and applications affecting sensitive receptors such as schools (for more information, please see Table J). As part of their recommendations they suggest opportunities for more green infrastructure and green spaces in general and in locations where they will protect future residents from air pollution, such as between developments and busy roads or railway lines. More green infrastructure and green spaces may be requested if more mitigation is needed where a proposed development does not meet Air Quality Neutral benchmarks for buildings and/or transport or as an additional protection measure even if the benchmarks have been met</li> </ul>
6	Ensuring emissions from construction are minimised	Director of Growth, Planning and Employment	Throughout Plan	<ul style="list-style-type: none"> <li>Our <a href="#">Air Quality Guidance Note</a> includes information on minimising emissions during construction. Sustainability officers also review Construction Environmental Management Plans and Construction Logistics Plans submitted by developers for air quality impacts during construction</li> <li>Lambeth Sustainability and Planning Enforcement teams investigate and will if necessary enforce whenever poor air quality is reported and is suspected to be due to construction</li> <li>In early 2017, air quality around Vauxhall deteriorated due to construction work in Nine Elms. Lambeth worked in partnership with Wandsworth and resolved this problem by: <ul style="list-style-type: none"> <li>i. Recruiting a temporary member of staff to contact all developments in Nine Elms to ensure best practice was being deployed on all sites</li> <li>ii. Sustainability and Planning Enforcement Officers visited sites to check developers were following their Construction Environmental Management Plans and Construction Logistics Plans</li> <li>iii. Arranged additional street sweeping around Vauxhall. Developers in Nine Elms are also carrying out additional sweeping</li> <li>iv. As a follow-up to ensure air pollution does not become a problem at Nine Elms again, the Sustainability Manager attended the VNEB Strategy Board on 29 September to present a paper about what caused the air quality problem, how it was resolved and measures in place to stop this happening again</li> </ul> </li> </ul>

				v. Sustainability Officers now watch closely the data from Vauxhall Air Quality Monitoring Station. There was a small pollution episode in November 2017, which was quickly identified and resolved with the developer responsible																
7	Ensuring that Smoke Control Zones are appropriately identified and fully promoted and enforced	Director of Environment	March 2020	<ul style="list-style-type: none"> <li>Lambeth has 35 Smoke Control Areas designated by Orders made between 1959 and 1978 under the Clean Air Acts of 1956 and 1968, which cover nearly the whole of the borough. In 2017 we carried out a preliminary review of all current Smoke Control Orders. In 2018 we will continue the review. One option being considered is to replace the existing Orders with one Smoke Control Order which would cover the whole of the borough. Public consultation on the Order would be accompanied by a publicity campaign on the effects of smoke on human health and environment and existing alternatives to smoke-generating fuels.</li> <li>We promoted <a href="#">Defra's Open fires and wood-burning stoves guide</a> on our website</li> </ul>																
8.1	Lambeth Housing to make full use of funding available under RE:NEW scheme and to replace at least 250 boilers each year	Director of Housing Services	Throughout Plan	<ul style="list-style-type: none"> <li>Lambeth Housing replaced 303 individual boilers between Jan to July 2017</li> </ul> <table border="1" data-bbox="1072 724 1680 906"> <thead> <tr> <th>Jan 17</th> <th>Feb 17</th> <th>Mar 17</th> <th>Apr 17</th> <th>May 17</th> <th>Jun 17</th> <th>Jul 17</th> <th>TOTAL</th> </tr> </thead> <tbody> <tr> <td>60</td> <td>76</td> <td>42</td> <td>29</td> <td>31</td> <td>39</td> <td>26</td> <td>303</td> </tr> </tbody> </table>	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	TOTAL	60	76	42	29	31	39	26	303
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60	76	42	29	31	39	26	303													
8.2	Promoting RE:NEW scheme to individual households, social and private landlords to increase uptake of the scheme in the borough	Director of Housing Services	Throughout Plan	<ul style="list-style-type: none"> <li>In 2018 a Love Lambeth page will be written to promote this scheme, information will be included in our Air Quality for Elderly Citizens leaflet (Action Point 21.2). We will also highlight the scheme during our Resident Engagement Event for Lambeth Clean Air Week 2018 (Action Point 23)</li> </ul>																

8.3	Explore opportunities for Lambeth to make full use of the RE:FIT information support scheme to retrofit all remaining public buildings including schools, libraries and leisure centres	Director of Environment	Throughout Plan	<ul style="list-style-type: none"> <li>Lambeth met with the GLA RE:FIT team in May 2017 to discuss joining this scheme. Afterwards there have been a number of discussions internally to discuss how to make full use of this scheme in Lambeth. The Director of Environment is now ready to sign the agreement with the GLA for Lambeth to become a member of RE:FIT. But before doing this, the RE:FIT procurement framework needs to be adopted by Lambeth; work is currently being carried out to do this</li> </ul>
9	Review and enforce emissions management control techniques at facilities the Council regulates under the Environmental Regulations	Director of Environment	Throughout Plan	<ul style="list-style-type: none"> <li>In 2017 we inspected all installations regulated under Local Authority Pollution Prevention and Control regime (LAPPC) and carried out a comprehensive review of all environmental permits. All operators were given a detailed inspection report highlighting any issues and provided with support and guidance on all our requirements. In early 2018 we re-inspected all installations requiring improvements to confirm full compliance</li> <li>We published <a href="#">a map of Part B industrial processes</a> regulated under Environmental Permitting Regulations alongside <a href="#">LAPPC public register</a>. Lambeth has no Part A installations</li> </ul>
10	Director of Public Health is fully briefed on the scale of the	Director of Environment	Throughout Plan	<ul style="list-style-type: none"> <li>The Director of Public Health signed-off the 2016 ASR and this 2017 ASR</li> <li>The Sustainability Manager attended the <i>Staying Healthy Board</i> on 3 October 2017, which is co-chaired by the Director of Public Health, along with the Public Health Consultant (for Health Protection, Older People and Disability) to give an update on air quality work in Lambeth. The <i>Staying Healthy Board</i> in turn updated the <i>Health and Wellbeing Board</i></li> </ul>

	problem, what is being done and what is needed			<ul style="list-style-type: none"> <li>• Sustainability and Public Health Officers meet regularly to discuss air quality and to work together on projects. The Public Health Officers report to the Director of Public Health and keep her updated on air quality work</li> <li>• It has been agreed that a biannual air quality update will be on the agenda for the <i>Staying Health Board</i></li> </ul>
11	Public Health teams support engagement with local stakeholders (businesses, schools, community groups and healthcare providers) and are asked for their support	Director of Public Health	Throughout Plan	<ul style="list-style-type: none"> <li>• A Public Health officer helped Sustainability officers with the Picnic in the Park event on 15 June and at the resident engagement event on 16 June during Lambeth Clean Air Week</li> <li>• The <a href="#">leaflet</a> for citizens with heart and lung conditions (Action Point 12.2) was written jointly by Sustainability and Public Health officers. Furthermore, Public Health officers sent this leaflet to Lambeth CCG for feedback and distributed it to all GPs in the borough</li> <li>• Public Health colleagues gave feedback and helped contribute to the Business Information Pack (Action Point 15.1)</li> <li>• For Action Point 18, we created with Sustrans an Air Quality Action Plan template to complete with schools, which have been part of our Air Quality Engagement programme. Public Health gave feedback on the design for this template</li> <li>• As per action 38, we have met quarterly with the Air Quality Action Plan Steering Group. An officer from Public Health has also regularly attended this meeting</li> </ul>
12.1	JSNA includes air quality as a key theme and has up to date information on air quality impacts	Director of Public Health	Made available by April 2017 and updated afterwards	<ul style="list-style-type: none"> <li>• The Air Quality JSNA was published <a href="#">online</a> in February 2017</li> <li>• The JSNA is currently being built on to include more information</li> </ul>
12.2	Communications campaign highlighting	Director of Environment	Throughout Plan (pack to be written by	<ul style="list-style-type: none"> <li>• Public Health were consulted and helped write our air quality public health leaflet; this was uploaded to our <a href="#">air quality guidance</a> webpage in July 2017</li> <li>• During our first Lambeth Clean Air Week we launched our Better Air campaign. The campaign saw residents and businesses making <a href="#">pledges</a> to take an action to reduce their impact on air quality, such as walking and cycling more, turning off their engine when stationary, collecting parcels from a local shop instead of receiving deliveries at home or</li> </ul>

	health impacts of poor air quality		March 2018)	<p>using our Try Before You Bike scheme to take up cycling. We also launched <a href="#">Better Air for Lambeth video</a> which explains the problem of air pollution, offers advice on avoiding exposure and suggests ways to help to reduce air pollution</p> <ul style="list-style-type: none"> <li>• In September <a href="#">Cllr Brathwaite wrote to Michael Gove</a>, Secretary of State for Environment, Food and Rural Affairs to ask that air quality standards are maintained after Brexit</li> <li>• Sustainability and Public Health met with a delegation from the Silesia region in Poland interested in learning more about what we do as a local authority to improve air quality, especially our awareness raising campaigns. The event took place on 26 September and was organised as part of an EU-funded Doing-It-Together Science project  <a href="https://twitter.com/TekiuLtd/status/912702651757993986">https://twitter.com/TekiuLtd/status/912702651757993986</a>  <a href="https://twitter.com/TekiuLtd/status/912703499678478337">https://twitter.com/TekiuLtd/status/912703499678478337</a>  <a href="https://twitter.com/TogetherSci/status/912702700885856261">https://twitter.com/TogetherSci/status/912702700885856261</a></li> <li>• On 9 May business and public sector leaders from the Commonwealth visited Lambeth to learn about air quality and respiratory health. The visit was organised in partnership with Public Health and Sustainability. The presentation included a visit to Vauxhall Air Quality monitoring station, presentations by KCL ERG and a visit to St. Anne's school in Vauxhall</li> </ul>
13	Strengthening co-ordination with Public Health by ensuring that at least one consultant grade public health specialist within the borough has air quality responsibilities outlined in their job profile	Director of Public Health	Throughout Plan	<ul style="list-style-type: none"> <li>• There are two officers in Public Health who work directly with Sustainability on air quality. But other officers within Public Health are also involved with air quality work, such as the officer responsible for healthy schools</li> </ul>

14	Ensure that the lead officer for Transport has been fully briefed on the Public Health duties and the fact that all directors (not just Director of Public Health) are responsible for delivering them, as well as on air quality opportunities and risks related to transport in the borough	Director of Environment	Throughout Plan	<ul style="list-style-type: none"> <li>• The Assistant Director for Planning, Transport and Development signed-off the 2016 ASR and for this ASR, the Director of Growth, Planning and Employment has signed-off the report</li> <li>• Officers from Transport attended the AQAPSG on 12 April 2017 to update the group on work in Lambeth to improve air quality</li> <li>• In June 2017 the Mayor launched a public consultation on a new Mayor’s Transport Strategy (MTS) which makes improving Londoners health one of the main objectives of the transport network; both addressing sedentary lifestyles and improving air quality. The borough responded to the consultation fully supporting these aims. The MTS was adopted in March 2018 and the borough will be writing a Local Implementation Plan to set out how we will deliver the objectives of the MTS</li> </ul>
15.1	Prepare information pack for businesses on how to help improve air quality and reduce exposure for employees and customers	Director of Environment	July 2018	<ul style="list-style-type: none"> <li>• Colleagues in Public Health were consulted on the Air Quality business pack in September 2017 before the draft air quality business pack was sent to all Lambeth BIDs to get their feedback. The final version was published for use by BIDs in October 2017</li> </ul>

15.2	Annual business engagement event to educate and raise awareness regarding air quality; and to find joint working opportunities	Director of Environment	Throughout Plan	<ul style="list-style-type: none"> <li>We invited all Bids in the Borough to the engagement event which took place during Lambeth Clean Air week 2017 on 13 June. We provided an update on council business projects, these included the Better Future Campaign, <a href="#">Low Emission Logistics</a>, Equality Streets and our intention to commission Low Emission Neighbourhood feasibility studies for our air quality focus areas and wanted our BIDs to be involved in this. We also took this opportunity to ask the BID representatives what information they thought should be included in the air quality business pack</li> <li>There will be another business event during Lambeth Clean Air Week 2018</li> <li>We worked with Vauxhall One, We are Waterloo and Brixton BID on their applications in 2017 to the Mayor's Air Quality Fund for Business Low Emission Neighbourhoods</li> </ul>
16.1	Promote and build on the work of airTEXT to alert sensitive receptors and other vulnerable citizens of high pollution days	Director of Environment	July 2018	<ul style="list-style-type: none"> <li>The Mayor has created his own Air Quality alert system for London; whenever there is medium, high or very high air pollution, an alert with advice is sent to all schools in the capital. Therefore, instead of creating our own system, we will work with the Mayor to develop this system further</li> <li>Lambeth remains a member of AirTEXT and in early 2018 renewed its subscription to the service. In the Public Health leaflet (Action Point 12.2) AirTEXT was advertised</li> </ul>
16.2	Increase promotion of cycling and walking websites and apps, such as walkit.com	Director of Environment	March 2019	<ul style="list-style-type: none"> <li>We included information regarding cycling and walking websites in our Public Health leaflet (Action Point 12.2)</li> <li>In 2018 we have commissioned a consultant to create a Lambeth resident's guide for relevant websites and apps</li> <li>Promoted cycling and walking apps with new developments as part of our s106 Travel Plan monitoring, including insisting that welcome packs include info about them</li> </ul>
17.1	Continue to actively engage with all schools in	Director of Growth, Planning and Employment	Throughout Plan	<ul style="list-style-type: none"> <li>During 2017 St. Anne's RC Primary School in Vauxhall, one of Lambeth's Air Quality Focus Areas, was selected for a TfL STARS Top School award for its work on highlighting issues around air quality</li> </ul>

	the STARS programme			<ul style="list-style-type: none"> <li>Lambeth continues to seek to engage all schools in the STARS programme and in active travel initiatives</li> <li>In 2017, 60 Lambeth schools became STARS accredited, an increase from 51 schools in 2016</li> </ul>
17.2	Continue to support schools to implement travel plans moving from bronze to silver to gold	Director of Growth, Planning and Employment	Throughout Plan	<ul style="list-style-type: none"> <li>Lambeth continues to work with schools to help them progress in STARS</li> <li>In 2017, 6 Lambeth schools gained the Gold level of accreditation, an increase from 2 schools in 2016 and 25 schools gained the Silver level of accreditation, an increase from 7 schools in 2016</li> </ul>
17.3	Engage with TfL Children's Traffic Club programme to add focus on air quality and active travel	Director of Growth, Planning and Employment	March 2018	<ul style="list-style-type: none"> <li>TfL has now added an air quality aspect to their <a href="#">resource toolkit</a> for nursery staff</li> <li>As part of its <i>Love Lambeth Air Project</i> in 2017, Lambeth has been working with some nurseries in the borough to monitor air quality</li> </ul>
17.4	Travel Plans Poster campaign for under 5s: link between active travel and air quality	Director of Growth, Planning and Employment	March 2020	<ul style="list-style-type: none"> <li>Work has started by the Road Danger Reduction Manager on this project</li> </ul>
18	Air quality at schools and other	Director of Environment	Throughout Plan	<ul style="list-style-type: none"> <li>In 2017 we commissioned Sustrans to develop an AQAP template for schools. This has been sent to 10 schools who took part in the engagement project in 2016/17 asking which actions the schools will prioritise for 2018. We have had responses from 3 schools and are in regular email contact with the other schools to encourage their participation</li> </ul>

	educational institutions			<ul style="list-style-type: none"> <li>• In partnership with Sustrans and MP Smarter Travel, we are working with 12 schools in 2017/18 as part of our air quality engagement project, which includes developing clean air walking routes, organising clean air walks and car free days</li> <li>• The first round of our <a href="#">Love Lambeth Air</a> monitoring and education project involving residents, launched in October 2016, was completed in May 2017, with results presented at a residents’ conference organised as part of our first Lambeth Clean Air Week in June 2017. Following the success of the first round we launched Love Lambeth Air – Communities project aimed at schools, nurseries and estates. This project was launched on 16 November 2017 and will last for 6 months until 17 May 2018. 4 secondary schools, 12 primary schools and 4 nurseries are amongst the participants. Monitoring takes place both indoors and outdoors in locations where children are likely to be most exposed to poor air quality. The project will be followed by tailored educational activities and, where needed, further mitigation, such as installing green walls, engine idling action days and advice on re-arranging indoor or outdoor spaces to shield children from sources of air pollution</li> <li>• In 2017 we continued our 2-year air quality improvement programme at St. Helen’s RC Primary School, which is located by Brixton Road, one of the most polluted roads in Lambeth. To provide immediate protection from air pollution at Brixton Road we installed <a href="#">a green screen</a> made of pollution-absorbing ivy along a 40m fence between the school’s main playground and Brixton Road. The wall was unveiled on 14 June 2017 during <a href="#">Lambeth Clean Air Week</a> by the Cabinet Member for Housing and Environment and the school’s own Junior Travel Ambassadors. We also created a Clean Air Garden between nursery and early years playgrounds for children to enjoy and learn from. The garden was launched on 10 October 2017 with a day-long Planting Party and planting competition run by <a href="#">Father Nature</a>. Competition results and more educational activities will take place in spring 2018.</li> <li>• The Road Danger Reduction team commissioned <a href="#">Box Clever Theatre</a> to perform a play entitled ‘Feet first’, a family-based story promoting walking to school and road safety awareness. Between 3 and 14 July 2017 Box Clever performed in 19 schools in Lambeth giving 20 performances to an audience total of 1,957 pupils in Reception, Years 1 and 2</li> <li>• St Anne’s and Stockwell Primary Schools are participating in the Mayor’s Air Quality Schools Audit project</li> </ul>
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19.1	Air Quality to be considered when making decisions	Management Board	Throughout Plan	<ul style="list-style-type: none"> <li>Section 9.1 of our report template is for Lambeth officers to consider environmental impacts when making any decision. In 2017 the following text was added to this section as a guide: 'For Procurement reports, please include how the report demonstrates responsible procurement. Keep to one paragraph, if needed. Improving air quality is a priority for Lambeth, so please ensure that you have considered air quality in writing this report'</li> <li>During 2017 the Sustainability Manager has signed-off several reports to ensure air quality is considered in decisions, such as <a href="#">Brixton Hill CPZ</a> and <a href="#">Our Streets Streatham Wells</a></li> </ul>
19.2	Air quality awareness increased amongst Lambeth officers	Director of HR and Organisational Development	Throughout Plan	<ul style="list-style-type: none"> <li>Air Quality now features in our Induction Video for new officers joining Lambeth. The Lambeth Sustainability Manager was filmed by the <a href="#">green screen</a> at St Helen's for this video</li> <li>Our safer driving training course for Lambeth staff includes anti-idling (Action Point 29)</li> <li>Lambeth Clean Air Week was advertised on Yammer (our in-house social media platform) and on Lamnet (our intranet site)</li> <li>Advertised cycling promotions such as Try Before You Bike, Cyclescheme, Dr Bike and walking and cycling challenges such as Walk to Work Month and Ride to Work Month with a view to improving air quality. Intranet and Yammer and emails direct to those signed up previously</li> </ul>
20	Work with Lambeth Youth Council to raise awareness	Director of Environment	Throughout Plan	<ul style="list-style-type: none"> <li>In September 2017 Sustainability officers engaged with <a href="#">Young Lambeth Coop</a> and <a href="#">Lambeth Youth Council (LYC)</a> to discuss the potential for joint projects to raise awareness of air quality issues and ways to avoid pollution among young people between 11 and 19. 2017 was an election year for LYC and time to set priorities for coming years. It was decided that the best way to engage with young people would be working with youth clubs in the borough in the third round of our Love Lambeth Air monitoring and educational project. The project will take place in 2018 and will be supported by an information campaign through LYC's and Young Lambeth Coop's communication channels including social media</li> </ul>
21.1	Work closely with colleagues in Adult Social Care and Housing to identify vulnerable citizens	Director of Environment	Throughout Plan	<ul style="list-style-type: none"> <li>Colleagues from Adult Social Care are involved in our leaflet for elderly citizens, as per Action Point 21.2</li> </ul>

21.2	Work closely with Age UK and other relevant organisations to produce tailored leaflets for older citizens and to visit future events aimed specifically at older citizens	Director of Environment	December 2018	<ul style="list-style-type: none"> <li>Work started on this leaflet in 2017. It is currently being developed and will be cascaded via UK age, independent age and Public Health contacts to elderly citizens in the borough</li> </ul>
22	Engagement with black and other minority ethnic citizens	Director of Public Health	Throughout Plan	<ul style="list-style-type: none"> <li>In 2017, during the second round of Love Lambeth Air - Communities monitoring and educational project, we worked with community leaders on three Lambeth estates with high proportion of black and other minority ethnic citizens. We set up diffusion tubes inside and outside community centres and other shared public spaces, including estate playgrounds and football pitches. The project runs for 6 months' between 16 November 2017 and 17 May 2018. The project will be followed by tailored educational activities and, where needed, further mitigation, such as installing green walls, mapping cleaner air walking and cycling routes, engine idling action days and advice on sustainable travel</li> </ul>
23	Annual Residents' Air Quality Conference	Director of Neighbourhoods	Throughout Plan	<ul style="list-style-type: none"> <li>We held our annual residents' event on Friday 16 June 2017 at Roots and Shoots; this was the final event of Lambeth Clean Air Week 2017. Council officers were on hand to present our Air Quality Action Plan and answer questions from residents</li> <li>We will have another resident engagement event during Lambeth Clean Air Week 2018</li> </ul>
24.1	Procurement policy to include a requirement for suppliers providing services over £100,000 to have attained	Director of Finance and Property	March 2019	<ul style="list-style-type: none"> <li>Lambeth Procurement has written a 'Responsible Procurement Guide'. The Sustainability team fed into this guide to give information for colleagues to consider regarding air quality when procuring goods and services. The guide includes a reference to this action point</li> </ul>

	silver Fleet Operator Recognition Scheme (FORS) accreditation			
24.2	Update procurement policy to give preferential scoring to bidders delivering goods and services with zero or low emission vehicles when there is a heavy transport element to the tender	Director of Finance and Property	March 2019	<ul style="list-style-type: none"> <li>Lambeth Procurement has written a 'Responsible Procurement Guide'. The Sustainability team fed into this guide to give information for colleagues to consider regarding air quality when procuring goods and services. The guide includes a reference to this action point</li> </ul>
25	Consolidation (Low Emission Logistics)	Director of Environment	March 2019	<ul style="list-style-type: none"> <li>At the end of 2016, Lambeth completed a feasibility study to look at whether to open a joint consolidation project with other boroughs. Furthermore, TfL also commissioned SDG to carry out a study. The results of the studies were mixed and there was a lack of evidence whether opening a consolidation centre would be financially viable and lead to an improvement in air quality</li> <li>All studies indicate that the first step to open a consolidation centre should be for the councils to reduce to bare minimum the amount they order and only use low-emission vehicles. Also, to encourage local businesses to use the centre. The boroughs involved in this project have therefore commissioned:</li> </ul>

				<ul style="list-style-type: none"> <li>i. CRP to carry out engagement to encourage local businesses to reduce their emissions and gauge interest to open a shared consolidation centre. In Lambeth this work has been carried out in partnership with South Bank BID</li> <li>ii. SDG to write a toolkit for council officers to use when procuring goods and services to demonstrate how to meet the targets set in Action Points 24.1 and 24.2</li> </ul> <ul style="list-style-type: none"> <li>• Please see action 15 in the <a href="#">Equality Streets Action Plan update</a> (December 2017)</li> </ul>
26	Introduce Virtual Loading Bays (VLB) allowing the user to book kerb space online for loading and unloading at a particular time and place; and priority for ultra-low emission delivery vehicles	Director of Environment	March 2019	<ul style="list-style-type: none"> <li>• The Sustainability team engaged with VLB team that carried out Wandsworth trial in May 2017 and met with the Project Manager in June 2017 to discuss the VLB concept and its use in Lambeth. The Director of Environment at Lambeth has also met the VLB team</li> <li>• Lambeth will watch the results of the Wandsworth trial and then write a report to decide whether to go ahead with VLBS in Lambeth</li> </ul>
27	Obtain Fleet Operator Recognition Scheme (FORS) Gold accreditation for Lambeth's own fleet	Director of HR and Organisational Development	March 2022	<ul style="list-style-type: none"> <li>• The Corporate Health and Safety Manager has written an action plan to ensure Lambeth meets Gold accreditation by March 2022</li> </ul>

28	Increase the number of hydrogen, electric, hybrid, bio-methane and cleaner vehicles in the borough's fleet and accelerate uptake of new Euro VI/6 vehicles	Director of Finance and Property	March 2022	<ul style="list-style-type: none"> <li>• A number of leases for council vehicles are now due for renewal. Lambeth Sustainability is working with Procurement to ensure zero or low-emission vehicles are procured wherever possible</li> <li>• From 22 December 2017, City Sprint has been the Council's courier service, which includes pedal bikes and electric cargo bikes in its fleet</li> </ul>
29	Smarter Driver Training for Lambeth fleet drivers to increase fuel efficient driving	Director of HR and Organisational Development	Throughout Plan	<ul style="list-style-type: none"> <li>• It is mandatory for anyone wishing to drive a Lambeth Council vehicle to complete this course</li> <li>• Our safer driving training course for Lambeth staff also now includes anti-idling</li> </ul>
30	Conduct feasibility study for introducing regenerative street sweepers into Lambeth's street cleansing fleet	Director of Environment	March 2020	<ul style="list-style-type: none"> <li>• In December 2017 the Sustainability team commissioned <a href="#">King's College London Environmental Research Group</a> to review the effectiveness of pollution-abating street sweepers currently available or emerging in the UK and worldwide</li> </ul>

31	Review of car users to determine whether the number of Lambeth officers driving vehicles for work could be reduced	Director of HR and Organisational Development	March 2020	<ul style="list-style-type: none"> <li>• Please see action 8 in the <a href="#">Equality Streets Action Plan update</a> (December 2017)</li> <li>• Increased range of pool bikes available to staff to encourage those driving to choose cleaner, more sustainable transport for business travel</li> </ul>
32	Green Infrastructure	Director of Environment/Director of Growth, Planning and Employment	Throughout Plan	<ul style="list-style-type: none"> <li>• The Sustainability team has also started working on an information pack for our intranet. This will provide guidance to council officers on how to introduce new green infrastructure in public realm schemes</li> <li>• Please see Action 2 in the <a href="#">Equality Streets Action Plan update</a> (December 2017)</li> </ul>
33	Investigate other measures, such as building a Low Emission Neighbourhood (LEN)	Director of Growth, Planning and Employment	August 2019	<ul style="list-style-type: none"> <li>• Urban Mobility completed a LEN feasibility study for Vauxhall in October 2017. Steer Davies Gleaves were commissioned to carry out LEN feasibility studies for Brixton, Streatham, Waterloo and Clapham in August 2017</li> </ul>
34	Investigate whether to install Santander bikes or other bike schemes outside Brixton Underground station, along	Director of Growth, Planning and Employment	March 2022	<ul style="list-style-type: none"> <li>• In early 2018 Santander Bikes were installed in Brixton (<a href="https://www.london.gov.uk/press-releases/mayoral/brixton-welcomes-santander-cycles">https://www.london.gov.uk/press-releases/mayoral/brixton-welcomes-santander-cycles</a>)</li> <li>• The borough has engaged with operators of dockless bike hire schemes, which has the potential to extend bike hire to the rest of the borough</li> </ul>

	Brixton Hill, Streatham Hill and Streatham			
35	<p>Lambeth is already part of the Central London Air Quality Cluster Group, which includes Southwark.</p> <p>Increase joint working with other neighbouring boroughs (Wandsworth, Merton, Croydon, Bromley and Lewisham) to tackle air pollution</p>	Director of Environment	Throughout Plan	<ul style="list-style-type: none"> <li>Lambeth has worked closely with Wandsworth and Croydon throughout 2017 as part of Low Emission Logistics (Action Point 25)</li> <li>A resident around Gipsy Hill and ‘the triangle’ raised concerns that air quality was poor as too many boroughs meet at this point and there are conflicting priorities, strategies, etc. All the boroughs worked together to write a joint response to this resident and address their issues</li> <li>The Sustainability Manager at Lambeth is the chairman of the Central London Air Quality Cluster Group. He also meets quarterly with the cluster leaders for South and East groups, who represent these boroughs</li> <li>It has been agreed with the leader of the South London Cluster Group that a representative of Lambeth can attend the meeting if there is anything relevant to discuss</li> <li>We worked with Wandsworth at the start of 2017 to reduce air pollution from Nine Elms</li> <li>On 6 September, the Sustainability Manager presented the Love Lambeth Air to other councils in the UK as a webinar</li> </ul>
36	Continue project to reduce pollution at Waterloo station from idling taxis	Director of Growth, Planning and Employment	March 2022	<ul style="list-style-type: none"> <li>Lambeth has had several conversations with different stakeholders to discuss how to reduce pollution from taxis at Waterloo Station</li> <li>Please see action 4 in the <a href="#">Equality Streets Action Plan update</a> (December 2017)</li> </ul>

37	Look into building a green wall at Lambeth North Station	Director of Environment	March 2019	<ul style="list-style-type: none"> <li>Unfortunately surveys show that Lambeth North Station will not be suitable for a green wall</li> <li>Instead the Sustainability team will be building green screens, similar to what has already been done at <a href="#">St Helen's</a>, to protect schools and nurseries near busy roads from air pollution</li> </ul>
38	Recruit citizens to help form a Steering Group to monitor our Air Quality Action Plan	Director of Environment	Throughout Plan	<ul style="list-style-type: none"> <li>On 11 January 2017 we organised our first Air Quality Action Plan Steering group meeting where council officers provided an update on the <a href="#">Air Quality Action Plan</a> consultation and outlined the role of the steering group</li> <li>The second meeting took place on 12 April 2017 where colleagues from Public Health, Transport and Communications attended providing updates on the Better Futures campaign and updates on the Transport and Highways actions from the AQAP</li> <li>The third meeting took place on 13 July 2017 and focused on the Public Health and Awareness raising actions from the AQAP. We provided an update on ULEZ and the <a href="#">Mayor's Transport Strategy</a></li> <li>The fourth meeting took place on 18 October 2017 and focused on the Emissions from Developments and Buildings actions from the AQAP. Colleagues from the planning department attended the meeting and gave a presentation on their partial review of the local plan</li> <li>Over 20 citizens have signed up to the AQAP steering group with approximately 5-7 citizens regularly attending quarterly meetings</li> </ul>
39	Investigate whether Lambeth should replicate the Wandsworth Tree Warden scheme	Director of Environment	July 2018	<ul style="list-style-type: none"> <li>During 2017 Sustainability and Lambeth Landscapes have spoken to the leader of the Wandsworth Tree Warden scheme. It has now been informally recommended that the scheme should go ahead in Lambeth</li> <li>By July 2018 a report will be written recommending the Wandsworth Tree Warden scheme is implemented in Lambeth</li> </ul>
40.1	Joint anti-idling project with other London Boroughs	Director of Environment	March 2019	<ul style="list-style-type: none"> <li>We organised 7 anti-idling events in 2017, the dates and number of volunteers who engaged with us is detailed below. Data from the anti-idling surveys is presented in the table below. <ul style="list-style-type: none"> <li>i. Jan 18 Streatham (3 volunteers)</li> <li>ii. Jan 26 Emma Cons gardens joint event with Southwark (3 volunteers)</li> <li>iii. Feb 28 West Norwood Cemetery – (3 volunteers)</li> </ul> </li> </ul>

- iv. March 29 Clapham the pavement – (4 volunteers)
- v. June 28 Clapham Southside (4 volunteers)
- vi. July 5 ChristChurch School (2 volunteers)
- vii. July 20 GSST hospital (4 volunteers)

Event	Pedestrians	Vehicles	Not Idling	Idling	Switched Off	Did not Switch off	Drove Away	% Switched Off
Streatham	6	24	7	17	9	8	0	53%
Waterloo	1	20	2	18	12	5	1	67%
West Norwood	6	13	3	10	6	2	2	60%
Clapham	0	18	4	14	11	2	1	79%
Clapham SS	4	26	14	6	6	0	0	100%
ChristChurch	19	6	5	1	1	0	0	100%
GSST	0	14	4	11	6	5	0	55%
<b>Grand Total</b>	<b>36</b>	<b>121</b>	<b>39</b>	<b>77</b>	<b>51</b>	<b>22</b>	<b>4</b>	<b>73%</b>

- For the events organised a number of different schools and other local organisations attended. For example, on 29 March 2017 we held an event in Clapham town centre. Volunteers from the Clapham Society and local residents attended, in addition to TfL and

				<p>council staff, who spoke to drivers about health and environmental implications of unnecessary engine idling. The event was also attended by a group of school children from nearby St. Mary's RC Catholic School who learnt about air pollution, sustainable travel and played a giant air quality-themed snakes and ladders board game.</p> <ul style="list-style-type: none"> <li>On 30 May 2017 Sustainability team asked Lambeth waste contactor Veolia to send out a memo to staff to remind all drivers, including those driving cage vehicles and vans, to turn off engines when stationary or on breaks</li> </ul>
40.2	Continue to build on anti-idling work from MAQF project (Action Point 40.1)	Director of Environment	March 2022	<ul style="list-style-type: none"> <li>Since 2017 our Community Enforcement Officers have asked drivers found idling to switch-off their engines. We are now working with APOCA, which manages the Community Enforcement Officer contract, to look at whether the fine for idling can be increased</li> </ul>
41	Work with car clubs to increase amount of electric, hydrogen and ultra-low emission vehicles in their fleet	Director of Growth, Planning and Employment	October 2019	<ul style="list-style-type: none"> <li>Please see action 7 in the <a href="#">Equality Streets Action Plan update</a> (December 2017)</li> <li>The borough has agreed with the 2 car club operators in the borough, 7 car club bays where we will install EV charge points. The operators have committed to then use plug in EV's at these locations. A supplier for the charge points has been appointed and installation is programmed for summer/autumn 2018. Both operators and the borough wished to install more EV charge points at car club bays but were unable to do so due to legal advice warning that public funding of EV charge points exclusively for car clubs would fall foul of state aid rules and spending on it would have to fall under the 200,000 Euro limit</li> </ul>
42.1	Increase amount of citizens cycling outside the 18-38 age group	Director of Growth, Planning and Employment	March 2022	<ul style="list-style-type: none"> <li>Please see actions 7 and 8 in the <a href="#">Equality Streets Action Plan update</a> (December 2017)</li> <li>Positive Spin and Silver Cycling projects encourage cycling in over 55s</li> <li>Try Before You Bike has a large take up in the over 38 group, giving support to people who want to start cycling but are cautious of taking the plunge</li> </ul>
42.2	Very Important Pedestrian Days	Director of Growth, Planning and Employment	Throughout Plan	<ul style="list-style-type: none"> <li>Lambeth held a <a href="#">car free day</a> on 22 September</li> </ul>

43	Parking	Director of Environment	Throughout Plan	<ul style="list-style-type: none"> <li>In the AQAP published in May 2017, the deadline for completing this action was October 2017. This was incorrect, as it only referred to the Diesel Surcharge for resident parking permits, which has now been delivered (<a href="https://www.lambeth.gov.uk/parking-transport-and-streets/parking/parking-permits-fees-and-charges">https://www.lambeth.gov.uk/parking-transport-and-streets/parking/parking-permits-fees-and-charges</a>)</li> <li>Regarding CPZs please action 6 in the <a href="#">Equality Streets Action Plan update</a> (December 2017)</li> </ul>
44	Installation of more residential electric charging points	Director of Growth, Planning and Employment	March 2022	<ul style="list-style-type: none"> <li>Please see action 7 in the <a href="#">Equality Streets Action Plan update</a> (December 2017)</li> <li>A contract has been signed with a supplier for up to 30 x 7kw charge points. Installation began in March 2018 and the programme will be complete by the end of 2018</li> <li>A trial of 21 lamp-column charge points has been undertaken in 2017 and a further roll out of this technology planned for 2018</li> </ul>
45	Installation of rapid chargers to help enable the take up of electric taxis, cabs and commercial vehicles (in partnership with TfL and/or OLEV)	Director of Growth, Planning and Employment	Throughout Plan	<ul style="list-style-type: none"> <li>Please see action 7 in the <a href="#">Equality Streets Action Plan update</a> (December 2017)</li> <li>TfL lead on the delivery of rapid charge points across London. The borough has proposed several kerbside sites on the highways we control. Planning permission is being worked on by TfL for three locations and we anticipate receiving those in Spring 2018</li> </ul>
46	Reprioritisation of road space; reducing parking at some destinations and/or restricting parking on congested high streets and A roads to improve	Director of Growth, Planning and Employment	Throughout Plan	<ul style="list-style-type: none"> <li>There have been numerous examples throughout 2017 whereby the road layout has been altered to encourage sustainable transport. Examples include: Ruskin Park to Kennington Park Greenway - Phase 2 (April 2017) and Vauxhall Walk – Missing Link Phase 2/Quietway 5 (February 2017)</li> </ul>

	bus journey times, cycling experience, and reduce emissions caused by congested traffic			
47.1	Campaign for low-emission buses to serve all routes in Lambeth	Director of Growth, Planning and Employment	Throughout Plan	<ul style="list-style-type: none"> <li>On 12 December 2017 TfL launched their second in London (after Putney High Street) <a href="#">clean bus route</a> along the A23 from Brixton to Streatham.</li> </ul>
47.2	Continue to request extension of ULEZ to south of the borough	Director of Environment	Throughout Plan	<ul style="list-style-type: none"> <li>Lambeth has responded to all ULEZ consultations. In February 2018 Lambeth responded to Consultation 3B saying we believed the ULEZ should be extended to the M25</li> </ul>
48	Link air quality to road closures for street parties and the Play Streets scheme	Director of Environment	Throughout Plan	<ul style="list-style-type: none"> <li>This action is still to be started</li> </ul>
49	Read through Lambeth Transport Plan 2011-31, the Cycling Strategy and also the Transport	Director of Environment	Throughout Plan	<ul style="list-style-type: none"> <li>The attached document was written in 2017 highlighting relevant actions    AP 49 Transport and Cycling Final.doc</li> <li>Please see the <a href="#">Equality Streets Action Plan update</a> (December 2017), which lists progress in these areas</li> <li>The <a href="#">Our Streets</a> project also gives an update on actions in the attached</li> </ul>

	Strategy and add any relevant actions in to AQAP			
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### 3. Planning Update and Other New Sources of Emissions

**Table J. Planning requirements met by planning applications in Lambeth in 2017**

Condition	Number
Number of planning applications where an air quality impact assessment was reviewed for air quality impacts	68
Number of planning applications required to monitor for construction dust	27
Number of CHPs/Biomass boilers refused on air quality grounds	0
Number of CHPs/Biomass boilers subject to GLA emissions limits and/or other restrictions to reduce emissions	9
Number of developments required to install Ultra-Low NO <sub>x</sub> boilers	16
Number of developments where an AQ Neutral building and/or transport assessments undertaken	42
Number of developments where the AQ Neutral building and/or transport assessments not meeting the benchmark and so required to include additional mitigation	10
Number of planning applications with S106 agreements including other requirements to improve air quality	0
Number of planning applications with CIL payments that include a contribution to improve air quality	0
<p><b>NRMM: Central Activity Zone and Canary Wharf</b>            Number of conditions related to NRMM included.            Number of developments registered and compliant.            Please include confirmation that you have checked that the development has been registered at <a href="http://www.nrmm.london">www.nrmm.london</a> and that all NRMM used on-site is compliant with Stage IIIB of the Directive and/or exemptions to the policy.</p>	<ul style="list-style-type: none"> <li>• 16 conditions included</li> <li>• 8 sites registered and compliant</li> <li>• 4 sites unregistered/uncompliant and being chased</li> </ul>
<p><b>NRMM: Greater London (excluding Central Activity Zone and Canary Wharf)</b>            Number of conditions related to NRMM included.            Number of developments registered and compliant.            Please include confirmation that you have checked that the development has been registered at <a href="http://www.nrmm.london">www.nrmm.london</a> and that all NRMM used on-site is compliant with Stage IIIA of the Directive and/or exemptions to the policy.</p>	<ul style="list-style-type: none"> <li>• 35 conditions included</li> <li>• 4 sites registered and compliant</li> <li>• 3 sites unregistered/uncompliant and being chased</li> </ul>

Process to ensure relevant planning applications are reviewed:

- Lambeth Planning team forward to Sustainability any planning applications where comments on air quality are required. At present Sustainability receive requests for comment on all major applications and other applications where there is a risk of impact on existing sensitive receptors such as schools, nurseries or care homes and/or where the development would introduce additional sensitive receptors into an area of concern, such as Air Quality Focus Areas. Sustainability officers also comment on applications to discharge conditions on

previously granted planning permissions whenever relevant to air quality, including Construction (Environmental) Management Plans.

- Sustainability published a map Air Quality Focus Areas and major sensitive receptors in the borough such as schools, nurseries, residential and care homes to assist the Planning team in assessing whether a non-major application should be referred to Sustainability for air quality comment. Sustainability officers work closely with the Planning team and offer advice on whether a detailed comment is required.

Process to ensure air quality conditions including NRMM are enforced:

- Lambeth is part of the Merton MAQF2 NRMM project. Every quarter the Lambeth Planning Enforcement team and Sustainability send the compliance inspector at Merton updated information on newly permitted, imminent developments with NRMM conditions. Sustainability officers are in regular contact with the NRMM inspector from Merton to exchange information on compliance and on ongoing developments which require a compliance visit
- NRMM compliance is included as a condition for all major developments in Lambeth outside the Central Activities Zone and all developments in the Central Activities Zone. In addition, when commenting on planning applications for air quality, Sustainability officers include an NRMM condition in their recommendations and ensure that NRMM emission standards are correctly referenced in Construction (Environmental) Management Plans submitted by developers for approval
- As per Action Point 2.2 in our 2017-2022 Air Quality Action Plan, Lambeth is developing a process to monitor compliance with NRMM conditions after March 2019, when MAQF2 funding expires for the Merton project
- The Sustainability team keep records of sites requiring additional monitoring for dust, and receive and assess monitoring data from ongoing developments

**3.1 *New or significantly changed industrial or other sources***

In 2017 we received and accepted as duly made two new applications from dry cleaning processes (Part B Authorised Process Dry Cleaners PG6/46 (04)). One permitted dry cleaning process ceased to operate and the permit was revoked. No other new sources were identified. We publish [a map of Part B industrial processes](#) regulated under Environmental Permitting Regulations on our website, alongside the [LAPPC public register](#).

## **Appendix A Details of Monitoring Site QA/QC**

### **A.1 Automatic Monitoring Sites**

Routine calibrations of equipment and periodic site audits were carried out by Enviro Technology, through our contract with King's College London Environmental Research Group (KCL). Routine calibrations are scheduled for every two weeks. Between 14/09/2017 and 21/12/17 the Sustainability team took over LSO visits at Vauxhall Bondway (LB5). Site audits and services are carried out bi-yearly.

- **Streatham Green LB6** there was a fault with the RS232 Board in the NO<sub>x</sub> analyser, which has since been replaced. The issue with the unit was identified by an engineer visit on 04/05/17. A new PO had to be raised to cover the replacement part as this was in excess of our parts insurance cover. The PO was raised 08/05/17 and a replacement part was installed 12/05/2017.
- **Streatham Green LB6** required replacement Molly Guts for the NO<sub>x</sub> analyser. A quote was received 03/08/17 and the new part was installed 06/09/2017.
- **Low PM10 data capture of 47%** (<75% threshold) at **Streatham Green LB6** was due to a fault with the BAM unit. Initial inspection by ET engineers 23/06/17 identified that the nozzle was seized and the inlet tube had to be cut to remove the BAM from the cabin. This type of BAM has not been manufactured for 14 plus years and all components are obsolete. Nearly all mechanical and electrical parts are not interchangeable with the current BAM1020. Additionally the reported high noise levels were identified as a failing detector, this is a glass tube/ valve so generally have a life of ten years (this one has lasted over twenty years). The BAMs control circuitry is no longer compliant with modern dust standards as there is no flow control or correction to STP/NTP. We therefore had to purchase a new BAM. The quote for a new BAM was received 30/06/17 with the new station installed on 02/11/17; there were problems with delivery of the device.

### **PM<sub>10</sub> Monitoring Adjustment**

The correction of 1/1.2 is applied to raw PM10 BAM data at an hourly basis so the fully ratified PM10 data is reference equivalent. This is done by KCL as we are part of the London Air Quality Network.

### **A.2 Diffusion Tube Quality Assurance / Quality Control**

Not applicable

### **A.3 Adjustments to the Ratified Monitoring Data**

#### **Short-term to Long-term Data Adjustment**

#### **Table K. Short-Term to Long-Term Monitoring Data Adjustment**

As mentioned in section A.1 above, there was low PM<sub>10</sub> data capture (at 47%) at Streatham Green LB6 in 2017. The results were therefore annualised using methodology described in London Local Air Quality Management Technical Guidance LLAQM.TG(16). The table below shows the process of annualisation and the resultant annualisation factors used. We have used data from three nearby

urban background monitoring stations which had at least 85% data capture and which had all their results ratified at the time of writing. Urban background monitoring sites chosen for annualisation: Southwark – Elephant and Castle (SK6), City of London – Sir John Cass School (CT3) and Camden – Bloomsbury (BLO) are all representative of typical London urban background locations and are located within radiuses of between 1 and 13 miles from either Vauxhall Bondway or Streatham Green, well within the recommended radius of under 50 miles.

#### Distance Adjustment

All NO<sub>2</sub> results have been adjusted for distance to the point of relative public exposure as per Table B using Defra NO<sub>2</sub> fall-off tool. For comparison purposes values in brackets in Table D show actual annual mean readings at each monitoring station.

Site	Site Type	Annual Mean (A <sub>m</sub> ) (µg/m <sup>3</sup> ) PM <sub>10</sub>	Period Mean (P <sub>m</sub> ) (µg/m <sup>3</sup> ) PM <sub>10</sub>		Ratio A <sub>m</sub> / P <sub>m</sub>
LB6	Urban background	2017	01/01/17-14/01/17 24/01/17-13/03/17 15/03/17-30/03/17 04/04/17 - 05/05/17 12/05/17-16/05/17 01/06/17 - 05/06/17 03/11/17 - 30/12/17 (periods of valid data at LB6)		
Southwark – Elephant and Castle (SK6)	Urban background	22	01/01/17-14/01/17	22.05	0.997732426
			24/01/17-13/03/17	22.13	0.994125621
			15/03/17-30/03/17	21.75	1.011494253
			04/04/17 - 05/05/17	19.89	1.106083459
			12/05/17-16/05/17	17.34	1.268742791
			01/06/17 - 05/06/17	17.21	1.278326554
			03/11/17 - 30/12/17	16.37	1.343921808
Camden - Bloomsbury	Urban background	19	01/01/17-14/01/17	19.29	0.984966304

**1.14**

(BL0)			24/01/17-13/03/17	25.62	0.741608119	<b>1.03</b>
			15/03/17-30/03/17	21.91	0.867183934	
			04/04/17 - 05/05/17	20.08	0.946215139	
			12/05/17-16/05/17	15.23	1.247537754	
			01/06/17 - 05/06/17	15.88	1.196473552	
			03/11/17 - 30/12/17	15.78	1.204055767	
City of London - Sir John Cass School (CT1)	Urban background	23	01/01/17-14/01/17	21.65	1.062355658	<b>1.03</b>
			24/01/17-13/03/17	28.34	0.811573747	
			15/03/17-30/03/17	28.49	0.807300807	
			04/04/17 - 05/05/17	24.21	0.950020653	
			12/05/17-16/05/17	18.81	1.222753854	
			01/06/17 - 05/06/17	20.18	1.139742319	
			03/11/17 - 30/12/17	18.68	1.231263383	

Average	<b>1.067</b>
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## **Appendix B List of Diffusion Tubes in Lambeth**

<b>Location</b>	<b>Area</b>	<b>Code</b>
Brixton AQ Monitoring Station - co-located	Brixton	DT1
Brixton AQ Monitoring Station - co-located	Brixton	DT2
Brixton AQ Monitoring Station - co-located	Brixton	DT3
Waterloo Rd / Exton Street	Waterloo	DT4
Waterloo Rd / Holmes Terrace	Waterloo	DT5
98 The Cut	Waterloo	DT6
278-282 Kennington Lane (between St. Oswald's Place and Vauxhall St)	Vauxhall	DT7
Archbishop Tennison School, 55 Kennington Oval	Kennington/Oval	DT8
Alverstone House, Kennington Park Road	Kennington/Oval	DT9
Brixton Road/Prima Road	Kennington/Oval	DT10
13 Clapham Road outside Belgrave Hotel	Kennington/Oval	DT11
223 Clapham Road outside Richarsdon Court and Costcutter	Stockwell	DT12
Clapham Road, close to Grantham Road	Stockwell	DT13
378 Clapham Road (by Savoy Mews)	Clapham	DT14
Clapham Road, outside Roy Ridley House	Clapham	DT15
Clapham Common tube station, outside Joe Public Café	Clapham	DT16
8 Stockwell Park Walk	Brixton	DT17
Stockwell Road/Bellefields Road	Brixton	DT18
Brixton Road bus stop Q (outside KFC)	Brixton	DT19
Effra Road/Kellett Road	Brixton	DT20
22 Brixton Water Lane	Brixton Hill	DT21
St. Matthew's Estate, outside 6 Hicken Road	Brixton Hill	DT22
Brixton Hill/Horsford Road (Corpus Christi RC School)	Brixton Hill	DT23
Brixton Hill/New Park Road	Brixton Hill	DT24
Christchurch House, Christchurch Road (South Circular)	Brixton Hill	DT25
Streatham Hill/Wavertree Road	Streatham Hill	DT26
Streatham Hill Station/opp 10 Streatham High Road	Streatham Hill	DT27
Streatham High Road/Leigham Avenue	Streatham	DT28
Streatham High Road/Becmead Avenue	Streatham	DT29
Public space outside 316 Streatham High Road (opp Stanthorpe Road)	Streatham	DT30
243A Streatham Hill (bus stop opposite Streatham Station)	Streatham	DT31
Clapham High Street (Clapham Library)	Clapham	DT32
Clapham, Old Town	Clapham	DT33
South Circular	Clapham	DT34
South Circular - Oaklands Estate, outside Hawkesworth House	Clapham	DT35
South Circular - Poynders Court	Clapham	DT36
South Circular - Christchurch Road/Roupell Road	Streatham	DT37
South Circular - Fenstanton Primary	Streatham	DT38
South Circular - Tulse Hill/Norwood Road	Tulse Hill	DT39

South Circular - Lords Close	Tulse Hill	DT40
Norwood Road/York Hill	West Norwood	DT41
Norwood Road (O'Girasol)	West Norwood	DT42
West Norwood Bus Station	West Norwood	DT43
223-225 Gipsy Road	Gipsy Hill	DT44
Gipsy Hill Station	Gipsy Hill	DT45
Herne Hill 1	Herne Hill	DT46
Herne Hill 2	Herne Hill	DT47
Loughborough Junction 1	Loughborough J	DT48
Loughborough Junction 2	Loughborough J	DT49
Acre Lane	Brixton	DT50