

London Borough of Camden Air Quality Annual Status Report for 2024

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This report provides a detailed overview of air quality in the London Borough of Camden during 2024. It has been produced to meet the requirements of the London Local Air Quality Management (LLAQM) statutory process¹.

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¹ LLAQM Policy and Technical Guidance 2019 (LLAQM.TG(19))

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Abbreviations

Abbreviation	Description
AQAP	Air Quality Action Plan
AQMA	Air Quality Management Area
AQN	Air Quality Neutral
AQO	Air Quality Objective
AQP	Air Quality Positive
BEB	Buildings Emission Benchmark
CAB	Cleaner Air Borough
EV	Electric Vehicle
GLA	Greater London Authority
LAEI	London Atmospheric Emissions Inventory
LAQM	Local Air Quality Management
LLAQM	London Local Air Quality Management
NRMM	Non-Road Mobile Machinery
PM ₁₀	Particulate matter less than 10 micron in diameter
PM _{2.5}	Particulate matter less than 2.5 micron in diameter
TEB	Transport Emissions Benchmark
TfL	Transport for London

Table A. Summary of National Air Quality and International Standards, Objectives and Guidelines

Pollutant	Standard / Objective / Guideline	Averaging Period	Date ⁽¹⁾
Nitrogen dioxide (NO ₂)	200 µg m ⁻³ not to be exceeded more than 18 times a year	1-hour mean	31 Dec 2005
Nitrogen dioxide (NO ₂)	40 µg m ⁻³	Annual mean	31 Dec 2005
Nitrogen dioxide (NO ₂)	WHO AQG ⁽²⁾ : 10 µg m ⁻³	Annual mean	
Particles (PM ₁₀)	50 µg m ⁻³ not to be exceeded more than 35 times a year	24-hour mean	31 Dec 2004
Particles (PM ₁₀)	WHO AQG ⁽²⁾ : 45 µg m ⁻³ not to be exceeded more than 3-4 times a year	24-hour mean	
Particles (PM ₁₀)	40 µg m ⁻³	Annual mean	31 Dec 2004
Particles (PM ₁₀)	WHO AQG ⁽²⁾ : 15 µg m ⁻³	Annual mean	
Particles (PM _{2.5})	10 µg m ⁻³ ⁽³⁾	Annual mean	2040
Particles (PM _{2.5})	London Mayoral Objective ⁽⁴⁾ : 10 µg m ⁻³	Annual mean	2030
Particles (PM _{2.5})	WHO AQG ⁽²⁾ : 5 µg m ⁻³	Annual mean	
Particles (PM _{2.5})	Target of 15% reduction in concentration at urban background locations	3-year mean	Between 2010 and 2021
Particles (PM _{2.5})	WHO AQG ⁽²⁾ : 15 µg m ⁻³	24-hour mean	
Sulphur dioxide (SO ₂)	266 µg m ⁻³ not to be exceeded more than 35 times a year	15-minute mean	31 Dec 2005
Sulphur dioxide (SO ₂)	350 µg m ⁻³ not to be exceeded more than 24 times a year	1-hour mean	31 Dec 2004
Sulphur dioxide (SO ₂)	125 µg m ⁻³ not to be exceeded more than 3 times a year	24-hour mean	31 Dec 2004
Sulphur dioxide (SO ₂)	WHO AQG ⁽²⁾ : 40 µg m ⁻³ not to be exceeded more than 3-4 times a year	24-hour mean	

Notes:

- (1) Date by which to be achieved by and maintained thereafter
- (2) 2021 World Health Organisation Air Quality Guidelines
- (3) Environmental Target Regulations under the Environment Act 2021
- (4) London Mayoral Objective

1. Air Quality Monitoring

1.1 Locations

Table B. Details of Automatic Monitoring Sites for 2024

Site ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA?	Which AQMA?	Monitoring Technique	Distance to Relevant Exposure (m) ⁽¹⁾	Distance to kerb of nearest road (m) ⁽²⁾	Inlet Height (m)
BL0	London Bloomsbury (Russell Square Gardens)	Urban Background	530123	182014	NO ₂ PM ₁₀ PM _{2.5} SO ₂ O ₃	Yes	Camden AQMA	TEOM-FDMS, API NO _x	4	40	4
CD1	Swiss Cottage (Finchley Road)	Kerbside	526629	184391	NO ₂ PM ₁₀ PM _{2.5}	Yes	Camden AQMA	BAM PM ₁₀ , BAM PM _{2.5} , T200 NO _x	3	7	3
CD9	Euston Road	Roadside	529878	182648	NO ₂ PM ₁₀ PM _{2.5}	Yes	Camden AQMA	TEOM-FDMS, API NO _x	2.5	1	2.5
KGX	Coopers Lane	Urban Background/Industrial*	529831	183250	PM ₁₀ PM _{2.5}	Yes	Camden AQMA	TEOM-FDMS	2.5	8	2.5
CD010	Camden High Street	Roadside	528832	183995	NO ₂	Yes	Camden AQMA	Teledyne API M200A NO _x	2.5	1	2.5

Notes:

(1) 0m if the monitoring site is at a location of exposure (e.g. installed on the façade of a residential property).

(2) N/A if not applicable

- 'Kerbside' refers to sites with sample inlets within 1m of the kerb of a busy road. Sampling heights are within 2-3m of the ground.
- 'Roadside' refers to sites with sample inlets between 1m and 5m of the kerbside. Sampling heights are within 2-3m of the ground.
- 'Urban background' locations away from major sources and broadly representative of town/city-wide background concentrations, e.g., urban residential areas.²

² https://www.londonair.org.uk/london/asp/classification.asp?region=13&site=SK2&details=general&mapview=all&la_id=&network=All&MapType=Static

Table C. Details of Non-Automatic Monitoring Sites for 2024

Diffusion Tube ID	Site Name	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site type	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) ⁽¹⁾	Distance to kerb of nearest road (m) ⁽²⁾	Tube Co-located with a Continuous Analyser?	Tube Height (m)
CAM1	Schools AQ 1 - Lady Somerset Road	529030	185687	Roadside	NO ₂	Yes, Camden AQMA	7.5	1	N	2.5
CAM2	Schools AQ 2 - New End/Streatley Place	526518	185938	Roadside	NO ₂	Yes, Camden AQMA	5.5	0.5	N	2.5
CAM3	Schools AQ 3 - New End T-Junction	526518	185989	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	N	2.5
CAM4	Schools AQ 4 - Savernake Road (Gospel Oak Primary School)	528159	185641	Roadside	NO ₂	Yes, Camden AQMA	5	0.5	N	2.5
CAM5	Schools AQ 5 - Rona Road	528098	185597	Roadside	NO ₂	Yes, Camden AQMA	7.5	0.5	N	2.5
CAM6	Schools AQ 6 - South Hampstead High School Junior School	526345	184876	Roadside	NO ₂	Yes, Camden AQMA	10	0.5	N	2.5
CAM7	Schools AQ 7 - Devonshire House Preparatory School	526479	185411	Roadside	NO ₂	Yes, Camden AQMA	14	0.5	N	2.5
CAM8	Schools AQ 8 - University College School Senior School	526226	185337	Roadside	NO ₂	Yes, Camden AQMA	10	0.5	N	2.5
CAM9	Schools AQ 9 - Christchurch Primary School	526499	186122	Roadside	NO ₂	Yes, Camden AQMA	24	9.5	N	2.5
CAM10	Schools AQ 10 - Princess Road (Primrose Hill School)	528302	183932	Roadside	NO ₂	Yes, Camden AQMA	10	0.5	N	2.5
CAM11	Schools AQ 11 - Minster Road (Mulberry House School)	524345	185133	Roadside	NO ₂	Yes, Camden AQMA	8	0.5	N	2.5
CAM12	Schools AQ 12 - Cliff Villas (Brecknock Primary School)	529918	184786	Roadside	NO ₂	Yes, Camden AQMA	7	0.5	N	2.5
CAM13	HSS Phase 4&5 1 - Ecole Jeannine Manuel -	529845	181595	Roadside	NO ₂	Yes, Camden AQMA	5	1	N	2.5

Diffusion Tube ID	Site Name	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site type	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) ⁽¹⁾	Distance to kerb of nearest road (m) ⁽²⁾	Tube Co-located with a Continuous Analyser?	Tube Height (m)
	Bedford Square south (outside school)									
CAM14	HSS Phase 4&5 2 - Ecole Jeannine Manuel - Bedford Avenue between Adeline Place and Morwell Street (LC5)	529804	181519	Roadside	NO ₂	Yes, Camden AQMA	5	0.5	N	2.5
CAM15	HSS Phase 4&5 3 - Ecole Jeannine Manuel - Bedford Square north (opposite side to school)	529805	181703	Roadside	NO ₂	Yes, Camden AQMA	4	0.5	N	2.5
CAM16	HSS Phase 4&5 4 - Argyle Primary School - Tonbridge Street	530210	182748	Roadside	NO ₂	Yes, Camden AQMA	6.5	1.5	N	2.5
CAM17	HSS Phase 4&5 5 - St Mary & St Pancras - Polygon Road	529583	183051	Roadside	NO ₂	Yes, Camden AQMA	17.5	2.5	N	2.5
CAM18	HSS Phase 4&5 6 - St Mary & St Pancras - Phoenix Road	529617	182935	Roadside	NO ₂	Yes, Camden AQMA	6	<1	N	2.5
CAM19	HSS Phase 4&5 7 - St Mary & St Pancras - Aldenham Road	529522	183089	Roadside	NO ₂	Yes, Camden AQMA	5	0.5	N	2.5
CAM20	HSS Phase 4&5 8 - Lyndhurst House Prep - Lyndhurst Gardens	526856	185301	Roadside	NO ₂	Yes, Camden AQMA	13	<0.5	N	2.5
CAM21	HSS Phase 4&5 9 - Lyndhurst House Prep - Wedderburn Road	526929	185226	Roadside	NO ₂	Yes, Camden AQMA	13.5	0.5	N	2.5
CAM22	HSS Phase 4&5 10 - St Christopher's - Belsize Lane	527006	185160	Roadside	NO ₂	Yes, Camden AQMA	15	<0.5	N	2.5
CAM23	HSS Phase 4&5 11 - St Christopher's - Orman Road	527067	185152	Roadside	NO ₂	Yes, Camden AQMA	8.5	0.5	N	2.5

Diffusion Tube ID	Site Name	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site type	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) ⁽¹⁾	Distance to kerb of nearest road (m) ⁽²⁾	Tube Co-located with a Continuous Analyser?	Tube Height (m)
CAM24	HSS Phase 4&5 12 - Kingsgate Lower school - Liddell Road	525116	184772	Roadside	NO ₂	Yes, Camden AQMA	20	<1	N	2.5
CAM25	HSS Phase 4&5 13 - Kingsgate Lower school - Iverson Road	525199	184709	Roadside	NO ₂	Yes, Camden AQMA	4	<0.5	N	2.5
CAM26	HSS Phase 4&5 14 - Kingsgate Lower school - Ariel Road	525030	184701	Roadside	NO ₂	Yes, Camden AQMA	5	0.5	N	2.5
CAM27	HSS Phase 4&5 15 - Kentish Town CofE - Islip Street	529114	185052	Roadside	NO ₂	Yes, Camden AQMA	5	0.5	N	2.5
CAM28	HSS Phase 4&5 16 - Kentish Town CofE - Caversham Road	529112	184960	Roadside	NO ₂	Yes, Camden AQMA	9	0.5	N	2.5
CAM29	HSS Phase 4&5 17 - Kentish Town CofE - Gaisford Street	529113	184869	Roadside	NO ₂	Yes, Camden AQMA	7.5	0.5	N	2.5
CAM30	HSS Phase 4&5 18 - Christopher Hatton - Mount Pleasant	531028	182092	Roadside	NO ₂	Yes, Camden AQMA	3.5	<0.5	N	2.5
CAM31	HSS Phase 4&5 19 - Brookfield School - Croftdown Road	528745	186598	Roadside	NO ₂	Yes, Camden AQMA	8	0.5	N	2.5
CAM32	HSS Phase 4&5 20 - Brookfield School - Chester Road	528685	186614	Roadside	NO ₂	Yes, Camden AQMA	6	0.5	N	2.5
CAM33	HSS Phase 4&5 21 - Brookfield School - Bramshill Gardens	528876	186421	Roadside	NO ₂	Yes, Camden AQMA	6.5	0.5	N	2.5
CAM34	HSS Phase 4&5 22 - Christ Church School - Redhill Street	528835	182980	Roadside	NO ₂	Yes, Camden AQMA	10.5	1	N	2.5
CAM35	HSS Phase 4&5 23 - Christ Church School - Redhill Street	528814	182873	Roadside	NO ₂	Yes, Camden AQMA	6	0.5	N	2.5

Diffusion Tube ID	Site Name	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site type	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) ⁽¹⁾	Distance to kerb of nearest road (m) ⁽²⁾	Tube Co-located with a Continuous Analyser?	Tube Height (m)
CAM36	HSS Phase 4&5 24 - Beckford School - Dornfell Street	524928	185092	Roadside	NO ₂	Yes, Camden AQMA	7	0.5	N	2.5
CAM37	HSS Phase 4&5 25 - Beckford School - Sumatra Road	525036	185121	Roadside	NO ₂	Yes, Camden AQMA	5	0.5	N	2.5
CAM38	HSS Phase 4&5 26 - Beckford School - Ravenshaw Road	524860	185039	Roadside	NO ₂	Yes, Camden AQMA	4	0.5	N	2.5
CAM39	HSS Phase 4&5 27 - Broadhurst School - Greencroft Gardens	526216	184457	Roadside	NO ₂	Yes, Camden AQMA	10.5	0.5	N	2.5
CAM40	HSS Phase 4&5 28 - St Patricks - Raglan Street	528903	185009	Roadside	NO ₂	Yes, Camden AQMA	9	0.5	N	2.5
CAM41	HSS Phase 4&5 29 - St Patricks - Inkerman Road	528853	184975	Roadside	NO ₂	Yes, Camden AQMA	6.5	0.5	N	2.5
CAM42	HSS Phase 3 1 - Camden School for Girls - Sandall Road	529409	184720	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	N	2.5
CAM43	HSS Phase 3 2 - Hampstead Parochial and UCS Junior - Holly Bush Vale	526343	185755	Roadside	NO ₂	Yes, Camden AQMA	1.5	<0.5	N	2.5
CAM44	HSS Phase 3 3 - Rhyl Primary School - Marsden Street	528338	184776	Roadside	NO ₂	Yes, Camden AQMA	6.5	0.5	N	2.5
CAM45	HSS Phase 3 4 - Haverstock School - Crogsland Road south	528233	184430	Roadside	NO ₂	Yes, Camden AQMA	2.5	<0.5	N	2.5
CAM46	HSS Phase 3 5 - Netley Primary School - William Road	529113	182561	Roadside	NO ₂	Yes, Camden AQMA	11	<0.5	N	2.5
CAM47	Farringdon 1 - Acton Street	530760	182782	Roadside	NO ₂	Yes, Camden AQMA	4	<0.5	N	2.5

Diffusion Tube ID	Site Name	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site type	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) ⁽¹⁾	Distance to kerb of nearest road (m) ⁽²⁾	Tube Co-located with a Continuous Analyser?	Tube Height (m)
CAM48	Farringdon 2 - Frederick Street	530705	182701	Roadside	NO ₂	Yes, Camden AQMA	4	<0.5	N	2.5
CAM49	Farringdon 3 - Calthorpe Street	530879	182342	Roadside	NO ₂	Yes, Camden AQMA	5	<0.5	N	2.5
CAM50	Farringdon 4 - Grays Inn Road/Calthorpe Street	530822	182276	Roadside	NO ₂	Yes, Camden AQMA	5	<0.5	N	2.5
CAM51	Farringdon 5 - Ray Street/Herbal Hill	531294	182146	Roadside	NO ₂	Yes, Camden AQMA	2	<0.5	N	2.5
CAM52	Farringdon 6 - Summers Street	531239	182105	Roadside	NO ₂	Yes, Camden AQMA	2	<0.5	N	2.5
CAM53	Farringdon 7 - Lloyd Baker Street	530990	182574	Roadside	NO ₂	Yes, Camden AQMA	4	<0.5	N	2.5
CAM54	Farringdon 8 - Warner Street	531147	182179	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	N	2.5
CAM55	Farringdon 9 - Grays Inn Road North	530620	182633	Roadside	NO ₂	Yes, Camden AQMA	4	<0.5	N	2.5
CAM56	Farringdon 10 - Grays Inn Road/Wren Street	530775	182346	Roadside	NO ₂	Yes, Camden AQMA	9	<0.5	N	2.5
CAM57	Farringdon 11 - Grays Inn Road South	531056	181822	Roadside	NO ₂	Yes, Camden AQMA	4	<0.5	N	2.5
CAM58	Grays Inn Road South 1 - Northington Street / King's Mews	530915	182046	Roadside	NO ₂	Yes, Camden AQMA	2.5	<0.5	N	2.5
CAM59	Grays Inn Road South 2 - John Street	530823	182079	Roadside	NO ₂	Yes, Camden AQMA	6.5	0.5	N	2.5
CAM60	Grays Inn Road South 3 - Roger Street	530884	182124	Roadside	NO ₂	Yes, Camden AQMA	1.5	0.5	N	2.5
CAM61	Grays Inn Road South 4 - Elm Street	530965	182112	Roadside	NO ₂	Yes, Camden AQMA	6.5	<0.5	N	2.5
CAM62	Prince of Wales 1 - Malden Road north	528305	184657	Roadside	NO ₂	Yes, Camden AQMA	4	<0.5	N	2.5
CAM63	Prince of Wales 2 - Prince of Wales Road/Truro Street	528179	184606	Roadside	NO ₂	Yes, Camden AQMA	8	0.5	N	2.5

Diffusion Tube ID	Site Name	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site type	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) ⁽¹⁾	Distance to kerb of nearest road (m) ⁽²⁾	Tube Co-located with a Continuous Analyser?	Tube Height (m)
CAM64	Prince of Wales 3 - Prince of Wales Road/Haverstock Hill	527990	184602	Roadside	NO ₂	Yes, Camden AQMA	16.5	1	N	2.5
CAM65	Prince of Wales 4 - Crogsland Road	528244	184587	Roadside	NO ₂	Yes, Camden AQMA	10	0.5	N	2.5
CAM66	Prince of Wales 5 - Malden Crescent	528377	184599	Roadside	NO ₂	Yes, Camden AQMA	8	0.5	N	2.5
CAM67	Prince of Wales 6 - Prince of Wales Road/Malden Road	528380	184636	Roadside	NO ₂	Yes, Camden AQMA	4.5	<0.5	N	2.5
CAM68	Prince of Wales 7 - Harmood Street	528537	184626	Roadside	NO ₂	Yes, Camden AQMA	3.5	<0.5	N	2.5
CAM69	Prince of Wales 8 - Prince of Wales Road/Grafton Road	528736	184719	Roadside	NO ₂	Yes, Camden AQMA	5.5	<0.5	N	2.5
CAM70	Euston Road	530093	182792	Kerbside	NO ₂	Yes, Camden AQMA	1	0.5	N	2.2
CAM71	Euston Road LAQN colocation	529907	182670	Roadside	NO ₂	Yes, Camden AQMA	1	0.5	N	2
CAM72	St. George's Gardens (prev. 'Wakefield Gardens')	530430	182430	Urban Background	NO ₂	Yes, Camden AQMA	18	30	N	1.8
CAM73	St. George's Gardens East	530512	182511	Urban Background	NO ₂	Yes, Camden AQMA	10	29	N	1.5
CAM74	Kentish Town Road	529013	185102	Roadside	NO ₂	Yes, Camden AQMA	1	1	N	2.5
CAM75	Frognaal Way	526213	185519	Urban Background	NO ₂	Yes, Camden AQMA	6	30	N	3
CAM76	47 Fitzjohn's Road	526547	185125	Roadside	NO ₂	Yes, Camden AQMA	5	5	N	2
CAM77	Swiss Cottage	526633	184392	Kerbside	NO ₂	Yes, Camden AQMA	7	<1	N	2.5
CAM78	Brill Place	529904	183138	Roadside	NO ₂	Yes, Camden AQMA	12	0.5	N	2.5
CAM79	Tavistock Gardens	529880	182334	Urban Background	NO ₂	Yes, Camden AQMA	35	25	N	2.5

Diffusion Tube ID	Site Name	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site type	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) ⁽¹⁾	Distance to kerb of nearest road (m) ⁽²⁾	Tube Co-located with a Continuous Analyser?	Tube Height (m)
CAM80	Endsleigh Gardens	529689	182470	Roadside	NO ₂	Yes, Camden AQMA	6	0.5	N	2
CAM81	Tottenham Court Road*	529568	181728	Kerbside	NO ₂	Yes, Camden AQMA	4	<1	N	3.5
CAM82	Emmanuel Primary School	525362	185255	Roadside	NO ₂	Yes, Camden AQMA	3	2	N	2
CAM83	Witanhurst Lane	528213	187203	Roadside	NO ₂	Yes, Camden AQMA	3	1.5	N	2.2
CAM84	Camden Road	529173	184129	Kerbside	NO ₂	Yes, Camden AQMA	5	<1	N	2.2
CAM85	Chetwynd Road	528722	185950	Roadside	NO ₂	Yes, Camden AQMA	2	1	N	2.5
CAM86	Bloomsbury Street	529962	181620	Kerbside	NO ₂	Yes, Camden AQMA	4	<1	N	2.2
CAM87	Dartmouth Park Hill	529118	185913	Roadside	NO ₂	Yes, Camden AQMA	10	0.5	N	2.5
CAM88	Acland Burghley School (Burghley Road)	529099	185881	Roadside	NO ₂	Yes, Camden AQMA	1	7	N	2.2
CAM89	Oakford Road	529060	185848	Roadside	NO ₂	Yes, Camden AQMA	8	1	N	2.5
CAM90	Pratt-Delancey 1 - Pratt Street (between College Place and Royal College Street)	529334	183868	Roadside	NO ₂	Yes, Camden AQMA	2	<0.5	N	2.5
CAM91	Pratt-Delancey 2 - Pratt Street (between Bayham Street and Camden Street)	529142	183738	Roadside	NO ₂	Yes, Camden AQMA	10	<0.5	N	2.5
CAM92	Pratt-Delancey 3 - Bayham Street	529054	183772	Roadside	NO ₂	Yes, Camden AQMA	4	0.5	N	2.5
CAM93	Pratt-Delancey 4 - Greenland Street	529010	183795	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	N	2.5

Diffusion Tube ID	Site Name	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site type	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) ⁽¹⁾	Distance to kerb of nearest road (m) ⁽²⁾	Tube Co-located with a Continuous Analyser?	Tube Height (m)
CAM94	Pratt-Delancey 5 - Delancey Street/Delancey Passage	528971	183636	Roadside	NO ₂	Yes, Camden AQMA	1	1.5	N	2.5
CAM95	Pratt-Delancey 6 - Arlington Road (south of Delancey Street)	528968	183551	Roadside	NO ₂	Yes, Camden AQMA	4	1	N	2.5
CAM96	Pratt-Delancey 7 - Arlington Road (north of Delancey Street))	528881	183697	Roadside	NO ₂	Yes, Camden AQMA	2.5	<0.5	N	2.5
CAM97	Pratt-Delancey 8 - Albert Street (south of Delancey Street)	528867	183547	Roadside	NO ₂	Yes, Camden AQMA	2.5	<0.5	N	2.5
CAM98	Pratt-Delancey 9 - Delancey Street/Albert Street	528866	183590	Roadside	NO ₂	Yes, Camden AQMA	3	2	N	2.5
CAM99	Pratt-Delancey 10 - Albert Street (north of Delancey Street)	528836	183625	Roadside	NO ₂	Yes, Camden AQMA	3	0.5	N	2.5
CAM100	Pratt-Delancey 11 - Delancey Street/Parkway	528695	183596	Roadside	NO ₂	Yes, Camden AQMA	4.5	<0.5	N	2.5
CAM101	Pratt-Delancey 12 - Parkway/A4201	528654	183570	Roadside	NO ₂	Yes, Camden AQMA	6	<0.5	N	2.5
CAM102	Pratt-Delancey 13 - Gloucester Gate	528604	183457	Roadside	NO ₂	Yes, Camden AQMA	6.5	<0.5	N	2.5
CAM103	Pratt-Delancey 14 - North Bridge School	528636	183577	Roadside	NO ₂	Yes, Camden AQMA	16	<0.5	N	2.5
CAM104	Pratt-Delancey 15 - Gloucester Avenue	528560	183695	Roadside	NO ₂	Yes, Camden AQMA	20	<0.5	N	2.5
CAM105	Pratt-Delancey 16 - Parkway	528724	183702	Roadside	NO ₂	Yes, Camden AQMA	5	<0.5	N	2.5

Diffusion Tube ID	Site Name	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site type	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) ⁽¹⁾	Distance to kerb of nearest road (m) ⁽²⁾	Tube Co-located with a Continuous Analyser?	Tube Height (m)
CAM106	Camden Square 1 - Murray Street	529548	184449	Roadside	NO ₂	Yes, Camden AQMA	20	<0.5	N	2.5
CAM107	Camden Square 2 - Camden Square East	529677	184531	Roadside	NO ₂	Yes, Camden AQMA	10.5	<0.5	N	2.5
CAM108	Camden Square 3 - Camden Terrace	529725	184680	Roadside	NO ₂	Yes, Camden AQMA	10	<0.5	N	2.5
CAM109	Camden Square 4 - North Villas	529767	184734	Roadside	NO ₂	Yes, Camden AQMA	7	<0.5	N	2.5
CAM110	Camden Square 5 - St. Augustine's Road	529754	184457	Roadside	NO ₂	Yes, Camden AQMA	8.5	<0.5	N	2.5
CAM111*	Belsize Park/Swiss Cottage 1 - Maresfield Gardens/Nutley Terrace	526456	184931	Roadside	NO ₂	Yes, Camden AQMA	9	<0.5	N	2.5
CAM112*	Belsize Park/Swiss Cottage 2 - Belsize Lane /Fitzjohn's Avenue	526586	184586	Roadside	NO ₂	Yes, Camden AQMA	8	1	N	2.5
CAM113*	Belsize Park/Swiss Cottage 3 - Hilgrove Estate	526559	184324	Roadside	NO ₂	Yes, Camden AQMA	12	<0.5	N	2.5
CAM114*	Belsize Park/Swiss Cottage 4 - Winchester Road	526815	184322	Roadside	NO ₂	Yes, Camden AQMA	7	<0.5	N	2.5
CAM115*	Belsize Park/Swiss Cottage 5 - Eton Avenue	527010	184452	Roadside	NO ₂	Yes, Camden AQMA	6.5	<0.5	N	2.5
CAM116*	Belsize Park/Swiss Cottage 6 - Adelaide Road	526984	184239	Roadside	NO ₂	Yes, Camden AQMA	15	<0.5	N	2.5
CAM117*	Belsize Park/Swiss Cottage 7 - England's Lane	527318	184555	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	N	2.5

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CAM118*	Belsize Park/Swiss Cottage 8 - Belsize Avenue/Belsize Park Gardens	526948	184906	Roadside	NO ₂	Yes, Camden AQMA	7.5	<0.5	N	2.5
CAM119*	Belsize Park/Swiss Cottage 9 - Haverstock Hill	527278	185153	Roadside	NO ₂	Yes, Camden AQMA	11.5	<0.5	N	2.5
CAM120*	Belsize Park/Swiss Cottage 10 - Pond Street/Fleet Road	527314	185509	Roadside	NO ₂	Yes, Camden AQMA	6.5	1	N	2.5
CAM121	Haverstock School (Haverstock Hill)	528081	184490	Roadside	NO ₂	Yes, Camden AQMA	4	0.5	N	2.2
CAM122	Harmood Street	528558	184331	Roadside	NO ₂	Yes, Camden AQMA	7	1	N	2.2
CAM123	Hartland Road	528619	184315	Roadside	NO ₂	Yes, Camden AQMA	3	1	N	2.2
CAM124	Hawley Primary School (Hawley Road)	528881	184287	Roadside	NO ₂	Yes, Camden AQMA	1	6	N	2.2
CAM125	Kentish Town Road	528935	184053	Roadside	NO ₂	Yes, Camden AQMA	5	0.5	N	2.2
CAM126	Hawley Crescent	528898	184094	Roadside	NO ₂	Yes, Camden AQMA	4	0.5	N	2.2
CAM127	Jamestown Road	528704	184011	Roadside	NO ₂	Yes, Camden AQMA	5	0.5	N	2.2
CAM128	Camden High Street (Bridge)	528722	184127	Roadside	NO ₂	Yes, Camden AQMA	6	2	N	2.5
CAM129	Camden High Street (Camden News)	528845	183970	Roadside	NO ₂	Yes, Camden AQMA	5	2	N	2.2
CAM130	Camden High Street (American Candy)	528884	183901	Roadside	NO ₂	Yes, Camden AQMA	6	1	N	2.2
CAM131	Britannia Junction	528915	183870	Kerbside	NO ₂	Yes, Camden AQMA	15	0.5	N	2.5
CAM132	Cavendish School (Arlington Road)	528770	183887	Roadside	NO ₂	Yes, Camden AQMA	3	2	N	2.5

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CAM133	Holy Trinity & St. Silas School (Hartland Road)	528715	184456	Roadside	NO ₂	Yes, Camden AQMA	3	1.5	N	2.5
CAM134	Chalk Farm Road 1 - Regent's Park Road	528119	184354	Roadside	NO ₂	Yes, Camden AQMA	<0.5	1.5	N	2.5
CAM135	Chalk Farm Road 2 - Chalk Farm Road	528335	184338	Roadside	NO ₂	Yes, Camden AQMA	11	0.5	N	2.5
CAM136	Chalk Farm Road 3 - Ferdinand Street	528456	184345	Roadside	NO ₂	Yes, Camden AQMA	2	<0.5	N	2.5
CAM137	Chalk Farm Road 4 - Hartland Road	528582	184265	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	N	2.5
CAM138	Haverstock Hill 1 - Haverstock Hill northbound	527278	185153	Roadside	NO ₂	Yes, Camden AQMA	10	<0.5	N	2.5
CAM139	Haverstock Hill 2 - Haverstock Hill southbound	527184	185274	Roadside	NO ₂	Yes, Camden AQMA	7	<0.5	N	2.5
CAM140	Haverstock Hill 3 - Glenloch Road	527299	185071	Roadside	NO ₂	Yes, Camden AQMA	5.5	<0.5	N	2.5
CAM141	Haverstock Hill 4 - Haverstock Hill (between Upper Park Road and Downside Crescent)	527500	184974	Roadside	NO ₂	Yes, Camden AQMA	12.5	<0.5	N	2.5
CAM142	St. Pancras Way 1 - St. Pancras Way south	529606	183589	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	N	2.5
CAM143	St. Pancras Way 2 - Junction of St. Pancras Way and Pratt Street	529443	183941	Roadside	NO ₂	Yes, Camden AQMA	2	<0.5	N	2.5
CAM144	St. Pancras Way 3 - St. Pancras Way adjacent to Caulfield Ct.	529405	184139	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	N	2.5

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CAM145	St. Pancras Way 4 - St. Pancras Way adjacent to Camden Courtyards	529233	184325	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	N	2.5
CAM146	St. Pancras Way 5 - Camden Street	529289	183697	Roadside	NO ₂	Yes, Camden AQMA	10	<0.5	N	2.5
CAM147	York Way 1 - York Way near junction with Camden Park Road	530004	184626	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	N	2.5
CAM148	York Way 2 - York Way Sainsbury's Local	530067	184286	Roadside	NO ₂	Yes, Camden AQMA	6	0.5	N	2.5
CAM149	York Way 3 - York Way Art House	530320	183606	Roadside	NO ₂	Yes, Camden AQMA	6	<0.5	N	2.5
CAM150	Queens Crescent 1 - Junction of Queens Crescent and Allcroft Road	528259	185061	Roadside	NO ₂	Yes, Camden AQMA	4.5	<0.5	N	2.5
CAM151	Queens Crescent 2 - Gilden Crescent	528191	185041	Roadside	NO ₂	Yes, Camden AQMA	1.5	<0.5	N	2.5
CAM152	Queens Crescent 3 - Junction of Grafton Road and Vicar's Road	528248	185360	Roadside	NO ₂	Yes, Camden AQMA	20	<1	N	2.5
CAM153	Queens Crescent 4 - Grafton Road south of Queens Crescent	528404	185130	Roadside	NO ₂	Yes, Camden AQMA	10	<0.5	N	2.5
CAM154	Queens Crescent 5 - Spring Place south of Arctic Street	528516	185100	Roadside	NO ₂	Yes, Camden AQMA	3.5	<0.5	N	2.5
CAM155	Queens Crescent 6 - Holmes Road outside St. Patrick's Catholic Primary School	528874	185037	Roadside	NO ₂	Yes, Camden AQMA	10.5	<0.5	N	2.5

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CAM156	Queens Crescent 7 - Malden Road outside St. Dominic Primary School	527865	185224	Roadside	NO ₂	Yes, Camden AQMA	10	<0.5	N	2.5
CAM157	Queens Crescent 8 - Malden Road at the junction with Marsden Street	528251	184767	Roadside	NO ₂	Yes, Camden AQMA	16	<0.5	N	2.5
CAM158	Queens Crescent 9 - Rhyl Street outside Rhyl Primary School	528334	184832	Roadside	NO ₂	Yes, Camden AQMA	4.5	<0.5	N	2.5
CAM159	Queens Crescent 10 - Weedington Road south of Queens Crescent	528309	185097	Roadside	NO ₂	Yes, Camden AQMA	8	<0.5	N	2.5
CAM160	Queens Crescent 11 - Junction of Wilkin Street and Talacre Road	528430	184837	Roadside	NO ₂	Yes, Camden AQMA	4	<0.5	N	2.5
CAM161	Camden Park Road / Torriano Avenue 1 - Torriano Avenue outside Torriano Primary School	529595	185067	Roadside	NO ₂	Yes, Camden AQMA	10	<0.5	N	2.5
CAM162	Camden Park Road / Torriano Avenue 2 - Camden Park Road between South Villas and North Villas	529842	184780	Roadside	NO ₂	Yes, Camden AQMA	8.5	<0.5	N	2.5
CAM163	Baynes Street (opposite K&I Kitchens, 31-37 Baynes Street)	529317	184124	Roadside	NO ₂	Yes, Camden AQMA	2.5	<0.5	N	2.5
CAM164	Randolph Street	529264	184155	Roadside	NO ₂	Yes, Camden AQMA	5.5	<0.5	N	2.5

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CAM165	Royal College Street near junction with Georgiana Street	529310	183998	Roadside	NO ₂	Yes, Camden AQMA	4.5	<0.5	N	2.5
CAM166	Crowndale Road (opposite junction with Bayham Street)	529279	183390	Roadside	NO ₂	Yes, Camden AQMA	6	<0.5	N	2.5
CAM167	King Henry's Road 1 - Adelaide Road between Elsworthy Rise and Primrose Hill	527440	184319	Roadside	NO ₂	Yes, Camden AQMA	8	<0.5	N	2.5
CAM168	King Henry's Road 2 - Adelaide Road/B509 UCL Academy	526852	184138	Roadside	NO ₂	Yes, Camden AQMA	10	<0.5	N	2.5
CAM169	King Henry's Road 3 - Avenue Road	526885	183959	Roadside	NO ₂	Yes, Camden AQMA	18.5	<0.5	N	2.5
CAM170	King Henry's Road 4 - Queens Grove	526924	183780	Roadside	NO ₂	Yes, Camden AQMA	8	<0.5	N	2.5
CAM171	King Henry's Road 5 - Elsworthy Road between Avenue Road and Wadham Gardens	527018	183899	Roadside	NO ₂	Yes, Camden AQMA	15	<0.5	N	2.5
CAM172	King Henry's Road 6 - Elsworthy Road between Lower Merton Rise and Elsworthy Terrace	527372	184086	Roadside	NO ₂	Yes, Camden AQMA	10	<0.5	N	2.5
CAM173	King Henry's Road 7 - Elsworthy Road between Elsworth Rise and Primrose Hill Road	527517	184159	Roadside	NO ₂	Yes, Camden AQMA	12	<0.5	N	2.5

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CAM174	King Henry's Road 8 - King Henry's Road between Adelaide Road and Harley Road	526930	184135	Roadside	NO ₂	Yes, Camden AQMA	9	<0.5	N	2.5
CAM175	King Henry's Road 9 - King Henry's Road between Lyttleton Close and Lower Merton Rise	527213	184163	Roadside	NO ₂	Yes, Camden AQMA	7	<0.5	N	2.5
CAM176	King Henry's Road 10 - King Henry's Road between Quickwood and Primrose Hill Road	527496	184210	Roadside	NO ₂	Yes, Camden AQMA	10.5	<0.5	N	2.5
CAM177	King Henry's Road 11 - King Henry's Road east of Primrose Hill Road	527595	184210	Roadside	NO ₂	Yes, Camden AQMA	4	<0.5	N	2.5
CAM178	King Henry's Road 12 - Primrose Hill Road between Elsworth Road and Oppidans Road	527582	184132	Roadside	NO ₂	Yes, Camden AQMA	11.5	<0.5	N	2.5
CAM179	Torrington-Tavistock/Midland-Judd 1 - Herbrand Street	530221	182086	Roadside	NO ₂	Yes, Camden AQMA	3.5	<0.5	N	2.5
CAM180	Torrington-Tavistock/Midland-Judd 2 - Guildford Street (west end)	530234	182066	Roadside	NO ₂	Yes, Camden AQMA	5.5	<0.5	N	2.5
CAM181	Torrington-Tavistock/Midland-Judd 3 - Bernard Street	530292	182162	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	N	2.5

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CAM182	Torrington-Tavistock/Midland-Judd 4 - Grenville Street	530386	182171	Roadside	NO ₂	Yes, Camden AQMA	6	<0.5	N	2.5
CAM183	Torrington-Tavistock/Midland-Judd 5 - Russell Square south	530210	181917	Roadside	NO ₂	Yes, Camden AQMA	2	<0.5	N	2.5
CAM184	Torrington-Tavistock/Midland-Judd 6 - Russell Square nouth	530057	182060	Roadside	NO ₂	Yes, Camden AQMA	6	<0.5	N	2.5
CAM185	Torrington-Tavistock/Midland-Judd 7 - Woburn Place	530098	182122	Roadside	NO ₂	Yes, Camden AQMA	3.5	<0.5	N	2.5
CAM186	Torrington-Tavistock/Midland-Judd 8 - Bedford Way	530001	182105	Roadside	NO ₂	Yes, Camden AQMA	4.5	<0.5	N	2.5
CAM187	Torrington-Tavistock/Midland-Judd 9 - Montague Place	530015	181854	Roadside	NO ₂	Yes, Camden AQMA	16	<0.5	N	2.5
CAM188	Torrington-Tavistock/Midland-Judd 10 - Keppel Street	529854	181852	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	N	2.5
CAM189	Torrington-Tavistock/Midland-Judd 11 - Tavistock Place	530104	182388	Roadside	NO ₂	Yes, Camden AQMA	4	<0.5	N	2.5
CAM190	Torrington-Tavistock/Midland-Judd 12 - Coram Street	530097	182242	Roadside	NO ₂	Yes, Camden AQMA	12	<0.5	N	2.5
CAM191	Torrington-Tavistock/Midland-Judd 13 - Marchmont Street	530177	182316	Roadside	NO ₂	Yes, Camden AQMA	1.5	<0.5	N	2.5

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CAM192	Torrington-Tavistock/Midland-Judd 14 - Hunter Street	530280	182407	Roadside	NO ₂	Yes, Camden AQMA	9	<0.5	N	2.5
CAM193	Torrington-Tavistock/Midland-Judd 15 - Handel Street	530338	182420	Roadside	NO ₂	Yes, Camden AQMA	2.5	<0.5	N	2.5
CAM194	Torrington-Tavistock/Midland-Judd 16 - Tavistock Place/Regent's Square	530343	182500	Roadside	NO ₂	Yes, Camden AQMA	2	<0.5	N	2.5
CAM195	Torrington-Tavistock/Midland-Judd 17 - Marchmont Street	530122	182465	Roadside	NO ₂	Yes, Camden AQMA	4.5	<0.5	N	2.5
CAM196	Torrington-Tavistock/Midland-Judd 18 - Leigh Street	530193	182529	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	N	2.5
CAM197	Torrington-Tavistock/Midland-Judd 19 - Sandwich Street	530109	182567	Roadside	NO ₂	Yes, Camden AQMA	2.5	<0.5	N	2.5
CAM198	Torrington-Tavistock/Midland-Judd 20 - Hastings Street	530100	182682	Roadside	NO ₂	Yes, Camden AQMA	4.5	<0.5	N	2.5
CAM199	Torrington-Tavistock/Midland-Judd 21 - Judd Street	530138	182696	Roadside	NO ₂	Yes, Camden AQMA	5	<0.5	N	2.5
CAM200	Torrington-Tavistock/Midland-Judd 22 - Midland Road	530044	182947	Roadside	NO ₂	Yes, Camden AQMA	<1	<0.5	N	2.5
CAM201	Torrington-Tavistock/Midland-Judd 23 - Bidborough Street	530054	182710	Roadside	NO ₂	Yes, Camden AQMA	2.5	<0.5	N	2.5
CAM202	Torrington-Tavistock/Midland-Judd 24 - Mabledon Place	529985	182674	Roadside	NO ₂	Yes, Camden AQMA	5	<0.5	N	2.5

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CAM203	Torrington-Tavistock/Midland-Judd 25 - Duke's Road	529893	182540	Roadside	NO ₂	Yes, Camden AQMA	5.5	<0.5	N	2.5
CAM204	Torrington-Tavistock/Midland-Judd 26 - Upper Woburn Place	529860	182451	Roadside	NO ₂	Yes, Camden AQMA	7	<0.5	N	2.5
CAM205	Torrington-Tavistock/Midland-Judd 27 - Endsleigh Street	529753	182452	Roadside	NO ₂	Yes, Camden AQMA	4.5	<0.5	N	2.5
CAM206	Torrington-Tavistock/Midland-Judd 28 - Gower Place	529509	182363	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	N	2.5
CAM207	Torrington-Tavistock/Midland-Judd 29 - Cleveland Street	529236	181811	Roadside	NO ₂	Yes, Camden AQMA	0.5	<0.5	N	2.5
CAM208	Torrington-Tavistock/Midland-Judd 30 - Guildford Street	530352	182100	Roadside	NO ₂	Yes, Camden AQMA	5	<0.5	N	2.5
CAM209	Torrington-Tavistock/Midland-Judd 31 - Bloomsbury Square	530402	181627	Roadside	NO ₂	Yes, Camden AQMA	2.5	<0.5	N	2.5
CAM210	Torrington-Tavistock/Midland-Judd 32 - St. Joseph's Roman Catholic Primary School (Macklin Street)	530385	181352	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	N	2.5
CAM211	Torrington-Tavistock/Midland-Judd 33 - High Holborn (174-177)	530165	181329	Roadside	NO ₂	Yes, Camden AQMA	2.5	<0.5	N	2.5
CAM212	Torrington-Tavistock/Midland-Judd 34 - Southampton Row	530278	181926	Roadside	NO ₂	Yes, Camden AQMA	3.5	<0.5	N	2.5

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CAM213	Torrington-Tavistock/Midland-Judd 35 - High Holborn (199-206)	530386	181485	Roadside	NO ₂	Yes, Camden AQMA	2	<0.5	N	2.5
CAM214	Torrington-Tavistock/Midland-Judd 36 - Great Russell Street	530205	181673	Roadside	NO ₂	Yes, Camden AQMA	2.5	<0.5	N	2.5
CAM215	Torrington-Tavistock/Midland-Judd 37 - UCL Department of Chemistry - Christopher Ingold Building (Gordon Street)	529649	182364	Roadside	NO ₂	Yes, Camden AQMA	7	<0.5	N	2.5
CAM216	WEP 1 - Warren Street (5)	529281	182256	Roadside	NO ₂	Yes, Camden AQMA	4.5	<0.5	N	2.5
CAM217	WEP 2 - Grafton Way (40)	529364	182207	Roadside	NO ₂	Yes, Camden AQMA	5.5	<0.5	N	2.5
CAM218	WEP 3 - Tottenham Court Road (188)	529467	181964	Roadside	NO ₂	Yes, Camden AQMA	6.5	<0.5	N	2.5
CAM219	WEP 4 - Woburn Mansions (30 Torrington Place)	529555	181988	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	N	2.5
CAM220	WEP 5 - Tottenham Court Road (216)	529608	181749	Roadside	NO ₂	Yes, Camden AQMA	2.5	<0.5	N	2.5
CAM221	WEP 6 - Alfred Place (9)	529646	181775	Roadside	NO ₂	Yes, Camden AQMA	6	<0.5	N	2.5
CAM222	WEP 7 - Charlotte Street (12)	529531	181588	Roadside	NO ₂	Yes, Camden AQMA	4	<0.5	N	2.5
CAM223	WEP 8 - Tottenham Court Road (24-27)	529725	181553	Roadside	NO ₂	Yes, Camden AQMA	10.5	<0.5	N	2.5
CAM224	WEP 9 - Tottenham Court Road (279)	529816	181391	Roadside	NO ₂	Yes, Camden AQMA	6.5	<0.5	N	2.5

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CAM225	WEP 10 - Denmark Street (5)	529901	181254	Roadside	NO ₂	Yes, Camden AQMA	2	<0.5	N	2.5
CAM226	WEP 11 - Shaftesbury Avenue (109)	530095	181327	Roadside	NO ₂	Yes, Camden AQMA	16	<0.5	N	2.5
CAM227	WEP 12 - Bloomsbury Street (1)	530051	181454	Roadside	NO ₂	Yes, Camden AQMA	1.5	<0.5	N	2.5
CAM228	WEP 13 - Bedford Square (7A)	529900	181708	Roadside	NO ₂	Yes, Camden AQMA	5.5	<0.5	N	2.5
CAM229	WEP 14 - Gower Street (89)	529650	182060	Roadside	NO ₂	Yes, Camden AQMA	3.5	<0.5	N	2.5
CAM230	WEP 15 - Gower Street (136)	529443	182350	Roadside	NO ₂	Yes, Camden AQMA	10	<0.5	N	2.5
CAM231	WEP 16 - Gordon Street (20)	529682	182314	Roadside	NO ₂	Yes, Camden AQMA	5	<0.5	N	2.5
CAM232	WEP 17 - Euston Road (137)	529905	182667	Roadside	NO ₂	Yes, Camden AQMA	3.5	<0.5	N	2.5
CAM233	WEP 18 - Bedford Square (41)	529844	181551	Roadside	NO ₂	Yes, Camden AQMA	1.5	1	N	2.5
CAM234	WEP 19 - Monmouth Street (25)	530074	181163	Roadside	NO ₂	Yes, Camden AQMA	2.5	<0.5	N	2.5
CAM235	WEP 20 - Monmouth Street (30)	530056	181082	Roadside	NO ₂	Yes, Camden AQMA	1.5	<0.5	N	2.5
CAM236	WEP 21 - Tottenham Court Road (185-186)	529460	181975	Roadside	NO ₂	Yes, Camden AQMA	7.5	<0.5	N	2.5
CAM237	WEP 22 - Tottenham Court Road (55)	529590	181751	Roadside	NO ₂	Yes, Camden AQMA	4	<0.5	N	2.5
CAM238	WEP 23 - Tottenham Court Road (279)	529812	181400	Roadside	NO ₂	Yes, Camden AQMA	5	<0.5	N	2.5
CAM239	WEP 24 - Tower Street	530032	181005	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	N	2.5

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CAM240	WEP 25 - Neal Street	530178	181127	Roadside	NO ₂	Yes, Camden AQMA	1.5	<0.5	N	2.5
CAM241	Shaftesbury 1 - Shelton Street	530042	181188	Roadside	NO ₂	Yes, Camden AQMA	1.5	0.5	N	2.5
CAM242	Shaftesbury 2 - Mercer Street South	529978	181100	Roadside	NO ₂	Yes, Camden AQMA	1.5	0.5	N	2.5
CAM243	Shaftesbury 3 - Monmouth Street South	530073	181169	Roadside	NO ₂	Yes, Camden AQMA	1.5	0.5	N	2.5
CAM244	Shaftesbury 4 - Tower Street	530059	181041	Roadside	NO ₂	Yes, Camden AQMA	1	0.5	N	2.5
CAM245	Shaftesbury 5 - Earlham Street West	530036	181120	Roadside	NO ₂	Yes, Camden AQMA	3	0.5	N	2.5
CAM246	Shaftesbury 6 - Shaftesbury Avenue South	530086	181070	Roadside	NO ₂	Yes, Camden AQMA	3	0.5	N	2.5
CAM247	Shaftesbury 7 - Mercer Street North	530131	181105	Roadside	NO ₂	Yes, Camden AQMA	1.5	0.5	N	2.5
CAM248	Shaftesbury 8 - Shaftesbury Avenue North	530018	181078	Roadside	NO ₂	Yes, Camden AQMA	3	0.5	N	2.5
CAM249	Shaftesbury 9 - Monmouth Street North	530009	181037	Roadside	NO ₂	Yes, Camden AQMA	2	0.5	N	2.5
CAM250	Shaftesbury 10 - Neal Street	530100	181029	Roadside	NO ₂	Yes, Camden AQMA	2	0.5	N	2.5
CAM251	Shaftesbury 11 - Shorts Gardens	530114	181134	Roadside	NO ₂	Yes, Camden AQMA	1	0.5	N	2.5
CAM252	Shaftesbury 12 - Earlham Street East	530139	181178	Roadside	NO ₂	Yes, Camden AQMA	2	0.5	N	2.5
CAM253	Canal Location 1 - Rossendale Way	529497	183948	Roadside	NO ₂	Yes, Camden AQMA	6.5	20	N	2.5

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CAM254	Canal Location 2 - Belsize primary School	529660	183797	Roadside	NO ₂	Yes, Camden AQMA	<1	42.5	N	2.5
CAM255	Canal Location 3 - Temple	529698	183770	Roadside	NO ₂	Yes, Camden AQMA	6	49	N	2.5
CAM256	Canal Location 4 - Co-op	529748	183733	Roadside	NO ₂	Yes, Camden AQMA	4	22.5	N	2.5
CAM257	Canal Location 5 - Granary Square	529988	183524	Roadside	NO ₂	Yes, Camden AQMA	2	79	N	2.5
CAM258	Estelle Road	528021	185593	Roadside	NO ₂	Yes, Camden AQMA	5.5	0.5	N	2.5
CAM259	Courthorpe Road	527926	185614	Roadside	NO ₂	Yes, Camden AQMA	5	0.5	N	2.5
CAM260	Shirlock Road	527865	185604	Roadside	NO ₂	Yes, Camden AQMA	5	0.5	N	2.5
CAM261	Kilburn High Road at junction with Kilburn Park Road	525668	183335	Roadside	NO ₂	Yes, Camden AQMA	12.5	6.5	N	2.5
CAM262	Kilburn High Road at junction with Oxford Road	525557	183462	Roadside	NO ₂	Yes, Camden AQMA	6	2	N	2.5
CAM263	Kilburn High Road opposite Kilburn High Road LO station	525439	183589	Roadside	NO ₂	Yes, Camden AQMA	7	1	N	2.5
CAM264	West End Lane (15m down West End Lane from junction with Kilburn High Road)	525381	183708	Roadside	NO ₂	Yes, Camden AQMA	1	0.5	N	2.5
CAM265	Kilburn High Road near junction with Victoria Rd. and Quex Rd.	525258	183828	Roadside	NO ₂	Yes, Camden AQMA	6	0.5	N	2.5
CAM266	Kilburn High Road between Priory Park Road and The Terrace	525156	183991	Roadside	NO ₂	Yes, Camden AQMA	3	0.5	N	2.5

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CAM267	Kilburn High Road at junction with Willesden Lane and Gascony Avenue	525077	184067	Roadside	NO ₂	Yes, Camden AQMA	5	0.5	N	2.5
CAM268	Kilburn High Road at corner with Grangeway	524998	184185	Roadside	NO ₂	Yes, Camden AQMA	5.5	1	N	2.5
CAM269	Kilburn High Road between Buckley Road and Dyne Road	524904	184281	Roadside	NO ₂	Yes, Camden AQMA	4.5	0.5	N	2.5
CAM270	Kilburn High Road at junction with Cavendish Rd. & Iverson Rd.	524747	184500	Roadside	NO ₂	Yes, Camden AQMA	3	1	N	2.5
CAM271	Kilburn High Road at junction with Exeter Road	524631	184665	Roadside	NO ₂	Yes, Camden AQMA	5	6	N	2.5
CAM272	Swain's Lane north at corner of Bisham Gardens	528437	187270	Roadside	NO ₂	Yes, Camden AQMA	6	<0.5	N	2.5
CAM273	Swain's Lane south between Hillway and Highgate West Hill	528324	186396	Roadside	NO ₂	Yes, Camden AQMA	8	1	N	2.5
CAM274	Dartmouth Park Hill north	528918	186959	Roadside	NO ₂	Yes, Camden AQMA	15	<0.5	N	2.5
CAM275	Darmouth Park Hill between Bredgar Road and Hargreave Park	528967	186654	Roadside	NO ₂	Yes, Camden AQMA	6	0.5	N	2.5
CAM276	Dartmouth Park Hill south	529025	186145	Roadside	NO ₂	Yes, Camden AQMA	8	<0.5	N	2.5
CAM277	Highgate Road north	528364	186173	Roadside	NO ₂	Yes, Camden AQMA	16	1	N	2.5
CAM278	Highgate Road south	528763	185546	Roadside	NO ₂	Yes, Camden AQMA	3	0.5	N	2.5
CAM279	Gordon House Road	528523	185778	Roadside	NO ₂	Yes, Camden AQMA	3.5	0.5	N	2.5

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CAM280	Fortess Walk	528939	185366	Roadside	NO ₂	Yes, Camden AQMA	3.5	0.5	N	2.5
CAM281	York Rise	528788	186048	Roadside	NO ₂	Yes, Camden AQMA	5.5	<0.5	N	2.5
CAM282	Chetwynd Road east	528924	186085	Roadside	NO ₂	Yes, Camden AQMA	6	0.5	N	2.5
CAM283	Cathcart Hill	529119	186219	Roadside	NO ₂	Yes, Camden AQMA	7.5	1	N	2.5
CAM284	Junction Road	529179	186011	Roadside	NO ₂	Yes, Camden AQMA	7	0.5	N	2.5
CAM285	Fortess Road	529016	185533	Roadside	NO ₂	Yes, Camden AQMA	13	<0.5	N	2.5
CAM286	Somers Town 1 - Midland Road/Pancras Road	529885	183280	Roadside	NO ₂	Yes, Camden AQMA	6.5	<0.5	N	2.5
CAM287	Somers Town 2 - Chenies Place East	529813	183349	Roadside	NO ₂	Yes, Camden AQMA	7.5	<0.5	N	2.5
CAM288	Somers Town 3 - Chenies Place West	529750	183288	Roadside	NO ₂	Yes, Camden AQMA	5	<0.5	N	2.5
CAM289	Somers Town 4 - Edith Neville Primary School	529797	183187	Roadside	NO ₂	Yes, Camden AQMA	13	<0.5	N	2.5
CAM290	Somers Town 5 - Charrington Street	529641	183282	Roadside	NO ₂	Yes, Camden AQMA	4.5	<0.5	N	2.5
CAM291	Somers Town 6 - Goldington Crescent	529611	183444	Roadside	NO ₂	Yes, Camden AQMA	5	<0.5	N	2.5
CAM292	Somers Town 7 - Oakley Square North	529424	183445	Roadside	NO ₂	Yes, Camden AQMA	5.5	<0.5	N	2.5
CAM293	Somers Town 8 - Crowndale Centre, Eversholt Street	529224	183362	Roadside	NO ₂	Yes, Camden AQMA	4	<1	N	2.5
CAM294	Somers Town 9 - Harrington Square Gardens	529229	183231	Roadside	NO ₂	Yes, Camden AQMA	3.5	0.5	N	2.5

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CAM295	Somers Town 10 - Oakley Square South	529321	183239	Roadside	NO ₂	Yes, Camden AQMA	18.5	<0.5	N	2.5
CAM296	Somers Town 11 - Regent High School, Chalton Street	529527	183264	Roadside	NO ₂	Yes, Camden AQMA	5	<1	N	2.5
CAM297	Somers Town 12 - Somers Town Sports Centre, Chalton Street	529601	183148	Roadside	NO ₂	Yes, Camden AQMA	5	<0.5	N	2.5
CAM298	Somers Town 13 - St. Aloysius Church, Phoenix Road	529555	182900	Roadside	NO ₂	Yes, Camden AQMA	2.5	<1	N	2.5
CAM299	Somers Town 14 - Chalton Street North/Phoenix Road	529717	182992	Roadside	NO ₂	Yes, Camden AQMA	4.5	<0.5	N	2.5
CAM300	Somers Town 15 - Chalton Street South	529815	182830	Roadside	NO ₂	Yes, Camden AQMA	2	<0.5	N	2.5
CAM301	Somers Town 16 - Churchway	529802	182703	Roadside	NO ₂	Yes, Camden AQMA	6.5	2	N	2.5
CAM302	Somers Town 17 - Ossulston Street South	529949	182798	Roadside	NO ₂	Yes, Camden AQMA	13.5	<0.5	N	2.5
CAM303	Somers Town 18 - Levita House	529887	182813	Roadside	NO ₂	Yes, Camden AQMA	15	40	N	2.5
CAM304	Somers Town 19 - Ossulston Street North	529786	183038	Roadside	NO ₂	Yes, Camden AQMA	13	<0.5	N	2.5
CAM305	Somers Town 20 - Francis Crick Institute/Midland Road	529987	183060	Roadside	NO ₂	Yes, Camden AQMA	20	0.5	N	2.5
CAM306	Somers Town 21 - Goods Way	530231	183453	Roadside	NO ₂	Yes, Camden AQMA	41	<0.5	N	2.5
CAM307	Agar Grove eastbound	529874	184379	Roadside	NO ₂	Yes, Camden AQMA	4.5	<0.5	N	2.5
CAM308	Agar Grove westbound	529515	184274	Roadside	NO ₂	Yes, Camden AQMA	5	<0.5	N	2.5

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CAM309	Holmes Road	528687	185016	Roadside	NO ₂	Yes, Camden AQMA	2.5	<0.5	N	2.5
CAM310	Holborn 1 - Great Russell Street	530149	181611	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	N	2.5
CAM311	Holborn 2 - New Oxford Street	530250	181473	Roadside	NO ₂	Yes, Camden AQMA	2	<0.5	N	2.5
CAM312	Holborn 3 - Vernon Place	530414	181645	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	N	2.5
CAM313	Holborn 4 - Newton Street	530429	181459	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	N	2.5
CAM314	Holborn 5 - Kingsway	530608	181291	Roadside	NO ₂	Yes, Camden AQMA	2	<0.5	N	2.5
CAM315	Holborn 6 - High Holborn	530755	181566	Roadside	NO ₂	Yes, Camden AQMA	2	<0.5	N	2.5
CAM316	Holborn 7 - Red Lion Square East	530573	181653	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	N	2.5
CAM317	Holborn 8 - Red Lion Square West	530743	181719	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	N	2.5
CAM318	Holborn 9 - Theobalds Road	530845	181904	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	N	2.5
CAM319	Holborn 10 - Great Ormond Street	530529	182013	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	N	2.5
CAM320	Clerkenwell 1 - Clerkenwell Road between Herbal Hill and Back Hill	531321	182050	Roadside	NO ₂	Yes, Camden AQMA	7	<0.5	N	2.5
CAM321	Clerkenwell 2 - Clerkenwell Road at junction with Back Hill	531223	182034	Roadside	NO ₂	Yes, Camden AQMA	7	<0.5	N	2.5
CAM322	Clerkenwell 3 - Laystall Road south	531160	182039	Roadside	NO ₂	Yes, Camden AQMA	14	<0.5	N	2.5
CAM323	Clerkenwell 4 - Clerkenwell Road at	531012	181982	Roadside	NO ₂	Yes, Camden AQMA	12	<0.5	N	2.5

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	junction with Rosebery Avenue									
CAM324	Clerkenwell 5 - Rosebery Ave/Laystall St	531092	182097	Roadside	NO ₂	Yes, Camden AQMA	10	<0.5	N	2.5
CAM325	Clerkenwell 6 - Rosebery Ave/Warner St	531123	182188	Roadside	NO ₂	Yes, Camden AQMA	7	<0.5	N	2.5
CAM326	CT Cycle 1 - Pratt Street between Bayham Street and Pratt Mews	529042	183678	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	N	2.5
CAM327	CT Cycle 2 - Farrier Street	529011	184402	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	N	2.5
CAM328	CT Cycle 3 - Prince Albert Road between car park and St. Mark's Church	528379	183669	Roadside	NO ₂	Yes, Camden AQMA	5	<0.5	N	2.5
CAM329	CT Cycle 4 - Pratt Street at junction with Camden Street	529231	183805	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	N	2.5
CAM330	Highgate High Street	528398	187417	Roadside	NO ₂	Yes, Camden AQMA	2	<0.5	No	2.5
CAM331	South Grove	528372	187332	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	No	2.5
CAM332	South Highgate High Street	528796	187253	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	No	2.5
CAM333	North Swains Lane (outside cemetery entrance)	528550	187101	Roadside	NO ₂	Yes, Camden AQMA	2	<0.5	No	2.5
CAM334	Highgate West Hill (between Makepeace Ave and Oakeshott Ave)	528133	186651	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	No	2.5
CAM335	Raydon Street (before junc. With DPH)	528923	186732	Roadside	NO ₂	Yes, Camden AQMA	4	<0.5	No	2.5
CAM336	Chester Road	528895	186575	Roadside	NO ₂	Yes, Camden AQMA	4	<0.5	No	2.5

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CAM337	Croftdown Road	528556	186213	Roadside	NO ₂	Yes, Camden AQMA	4	<0.5	No	2.5
CAM338	Laurier Road	528824	186204	Roadside	NO ₂	Yes, Camden AQMA	4	<0.5	No	2.5
CAM339	Spencer Rise	528917	185999	Roadside	NO ₂	Yes, Camden AQMA	2	<0.5	No	2.5
CAM340	Churchill Road	528912	185934	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	No	2.5
CAM341	Tufnell Park Junction (Boston)	529150	185881	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM342	Tufnell Park Junction	529175	185860	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM343	Brecknock Road/ Lipton Street	529208	185779	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM344	Raveley Street	529215	185630	Roadside	NO ₂	Yes, Camden AQMA	4	<0.5	No	2.5
CAM345	Burghley Road	528936	185575	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	No	2.5
CAM346	The Grove	528196	187356	Roadside	NO ₂	Yes, Camden AQMA	3	1	No	2.5
CAM347	Lissenden Gardens	528471	185937	Roadside	NO ₂	Yes, Camden AQMA	4	<0.5	No	2.5
CAM348	Ospringe Road	529332	185537	Roadside	NO ₂	Yes, Camden AQMA	4	<0.5	No	2.5
CAM349	Lupton Street (Eleanor Palmer)	529147	185614	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM350	Regent's Park Children's Centre and Nursery	528998	182949	Roadside	NO ₂	Yes, Camden AQMA	4	<0.5	No	2.5
CAM351	Junction of Osnaburgh St and Robert St	528945	182714	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	No	2.5
CAM352	192 Drummond Street	529081	182442	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM353	Albany Street South	528836	182310	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5

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CAM354	Euston Road Pret	529207	182326	Roadside	NO ₂	Yes, Camden AQMA	2	<0.5	No	2.5
CAM355	Euston Road Carol	529224	182288	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM356	250 Euston Road	529303	182367	Roadside	NO ₂	Yes, Camden AQMA	2	<0.5	No	2.5
CAM357	249 Euston Road	529308	182328	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM358	Grafton Place	529760	182677	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM359	Pancras Road / Euston Road junction	530224	182910	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	No	2.5
CAM360	Eversholt St / Euston Road Junction	529749	182606	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM361	Gordon Street	529617	182413	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM362	Euston Road (outside bus station)	529646	182536	Roadside	NO ₂	Yes, Camden AQMA	2	<0.5	No	2.5
CAM363	Stanhope Street (Netley Primary)	529070	182624	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM364	Barnby St/ Eversholt St Junction	529455	183015	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM365	York Way/ Caledonia St junction	530331	183085	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM371	St Chads Street/ Belgrove Street	530308	182828	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM372	Fleet Road (124)	527452	185471	Roadside	NO ₂	Yes, Camden AQMA	4	<0.5	No	2.5
CAM373	Fleet Street (27)	527682	185387	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM374	Upper Park Rd/ Garnett Rd	527612	185306	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM375	Lawn Road/ Downside Crescent	527558	185196	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5

Diffusion Tube ID	Site Name	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site type	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) ⁽¹⁾	Distance to kerb of nearest road (m) ⁽²⁾	Tube Co-located with a Continuous Analyser?	Tube Height (m)
CAM376	Parkhill Rd (Secret Garden Nursery)	527773	185026	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	No	2.5
CAM377	Parkhill Road/ Haverstock Hill	527739	184788	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	No	2.5
CAM378	Leather Lane / Clerkenwell Rd	531203	182017	Roadside	NO ₂	Yes, Camden AQMA	4	<0.5	No	2.5
CAM379	Greville Street	531326	181744	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM380	Leather Lane / Hatton Wall	531240	181939	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	No	2.5
CAM381	St Cross St	531299	181879	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	No	2.5
CAM382	Leather Lane / Baldwin's Garden	531267	181844	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM383	St Alban's CoE Primary	531142	181801	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM384	New Compton Street North	530022	181251	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM385	New Compton Street South	530001	181199	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM386	Pond Street	527237	185492	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM387	South End Road (7)	527275	185524	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM388	South End Green Square	527310	185521	Roadside	NO ₂	Yes, Camden AQMA	2	<0.5	No	2.5
CAM389	South End Green Bus Stands	527304	185555	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM390	South End Road (31)	527247	185599	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM391	Constantine Road (8)	527375	185533	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	No	2.5
CAM392	Fleet Road/ S End Grove	527330	185505	Roadside	NO ₂	Yes, Camden AQMA	2	<0.5	No	2.5

Diffusion Tube ID	Site Name	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site type	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) ⁽¹⁾	Distance to kerb of nearest road (m) ⁽²⁾	Tube Co-located with a Continuous Analyser?	Tube Height (m)
CAM393	Fleet Road (138)	527397	185485	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	No	2.5
CAM394	Willes Road	528658	184937	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM395	Willies Road/ Inkerman Road	528752	184864	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM396	Anglers Lane/ Alma Street	528889	184790	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM397	Grafton Road (43)	528676	184851	Roadside	NO ₂	Yes, Camden AQMA	1	<0.5	No	2.5
CAM398	Cathcart Street (32)	528763	184941	Roadside	NO ₂	Yes, Camden AQMA	3	<0.5	No	2.5

Notes:

(1) 0m if the monitoring site is at a location of exposure (e.g. installed on the façade of a residential property).

(2) N/A if not applicable.

1.2 Comparison of Monitoring Results with AQOs

Table D. Annual Mean NO₂ Monitoring Results: Automatic Monitoring (µg m⁻³)

Site ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid data capture for monitoring period % ^(a)	Valid data capture 2024 % ^(b)	2018	2019	2020	2021	2022	2023	2024
BL0	530123	182014	Urban Background	-	94%	36	32	28	27	26	24	23
CD1	526629	184391	Kerbside	-	98%	54	43	33	44	37	33	30
CD9	529878	182648	Roadside	-	82%	<u>82</u> ^c	<u>70</u>	43	48	45	46	42
CD010	528832	183995	Roadside	-	99%	-	-	-	30	29	28	26

Notes:

The annual mean concentrations are presented as µg m⁻³.

Exceedances of the NO₂ annual mean AQO of 40 µg m⁻³ are shown in **bold**.

NO₂ annual means in excess of 60 µg m⁻³, indicating a potential exceedance of the NO₂ hourly mean AQS objective are shown in **bold and underlined**.

Means for diffusion tubes have been corrected for bias.

All means have been “annualised” in accordance with LLAQM Technical Guidance if valid data capture for the calendar year is less than 75% and greater than 25%.

Concentrations are those at the location of monitoring and not those following any fall-off with distance adjustment.

(a) Data capture for the monitoring period, in cases where monitoring was only carried out for part of the year.

(b) 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%).

Commentary on annual mean NO₂ data from automatic monitoring

There has been an overall downward trend in annual NO₂ concentrations recorded over the last seven years by Camden's automatic monitoring sites, which continued in 2024 with all four sites recording a reduction in annual NO₂ concentration when compared to the previous year. In 2024, there has been an average reduction in annual mean NO₂ concentrations of 2.5 µg m³ (seven percent) across Camden's automatic monitoring portfolio when compared to 2023, a slight improvement on the previous years' performance.

In the last seven years of monitoring, the London Bloomsbury (BL0) urban background monitoring site has consistently recorded decreasing NO₂ concentrations year on year. The other three monitoring sites have similarly recorded reduced concentrations of NO₂ during this period. However, the impact of the COVID pandemic and associative lockdowns on local traffic flow and air quality can be gleaned from the significant decrease recorded in 2020, emphasising the relationship between vehicle-use and air pollution at these urban roadside locations. It is therefore important to note the improvements in ambient air quality that have since been made in the intervening period, which has resulted in annual NO₂ concentrations for 2024 recording on average ten percent lower than in 2020 across Camden's automatic monitoring network, despite significantly reduced vehicular traffic throughout much of the 2020 monitoring year.

The reductions in NO₂ concentrations recorded across the last seven years illustrate the significant positive effect the Ultra Low Emission Zone (ULEZ) has had on air quality in central London since its introduction in 2018. During this period, annual mean NO₂ concentrations have reduced by an average 43% across the BL0, CD1, and CD9 monitoring stations. Whilst there was an initial step-decrease in NO₂ concentrations since the introduction of the ULEZ (as illustrated by Figure 1), it is important to note that reductions have slowed in subsequent years. This would suggest that, whilst a reduction in vehicle emissions brought about by ULEZ has caused an initially substantial decrease in NO₂, the same level of effective progress is not being made to tackle other sources of the pollutant; we know that building heating systems are now the largest source of NO₂ in Camden. Therefore, to achieve the World Health Organization (WHO) standard for NO₂, efforts must continue to be made to reduce concentrations from all sources within the borough.

Figure 1 shows annual mean NO₂ concentration as measured at four automatic monitoring sites in Camden, illustrating the long-term reduction in this pollutant however, the gap to achieving the WHO 2021 standards is clear to see.

Figure 1. Automatic Monitoring Annual Mean NO₂ Concentration

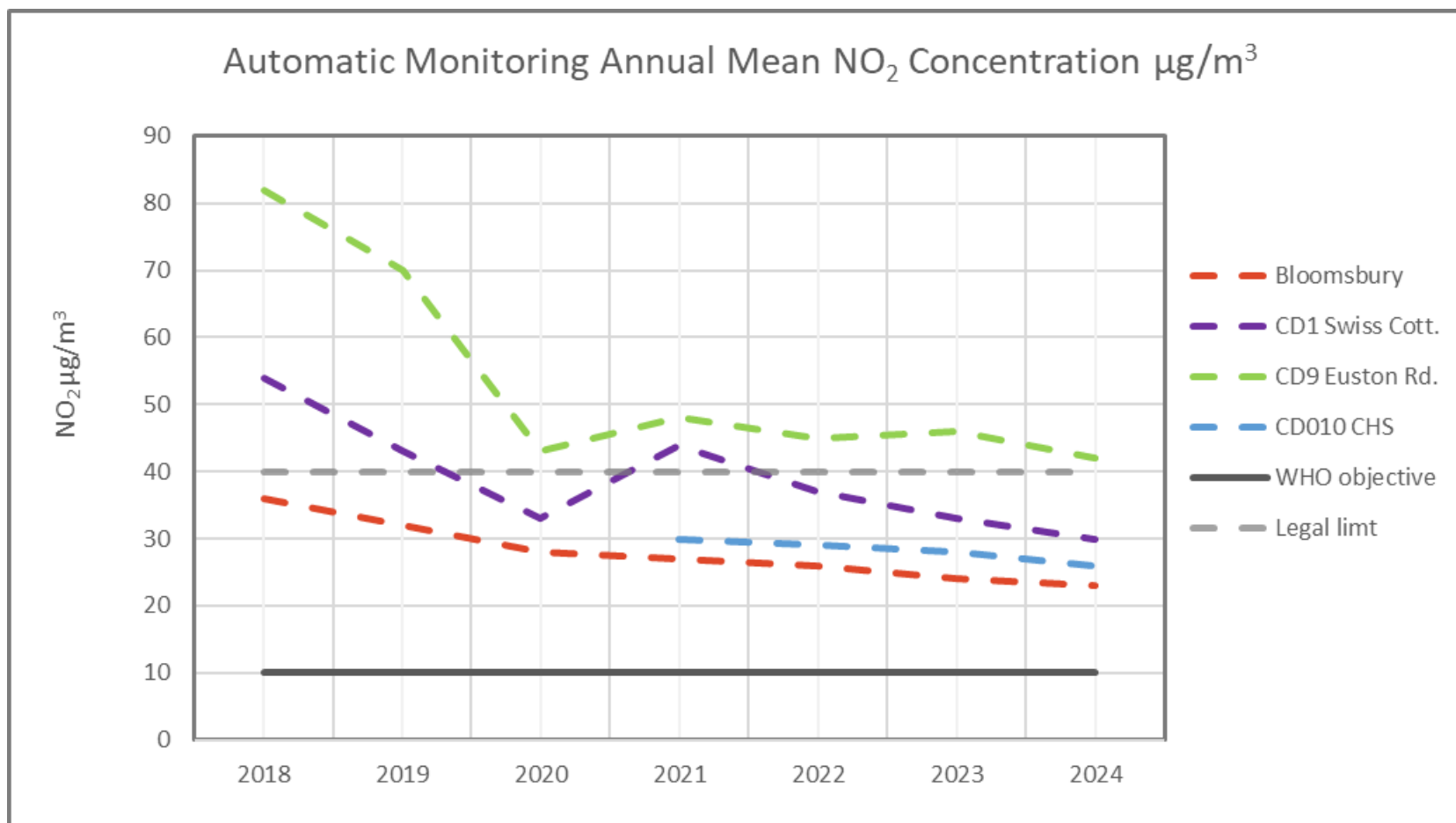


Table E. Annual Mean NO₂ Monitoring Results: Non-Automatic Monitoring (µg m⁻³)

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2024 (%) ⁽²⁾	2018	2019	2020	2021	2022	2023	2024
CAM1	529030	185687	Roadside	-	100%	33.7	31.25	22.74	21.63	19.84	18.90	18.69
CAM2	526518	185938	Roadside	-	92%	29.57	24.46	18.99	17.25	16.17	19.76	14.88
CAM3	526518	185989	Roadside	-	92%	32.16	26.41	20.24	19.07	17.6	21.26	15.27
CAM4	528159	185641	Roadside	-	75%	30.24	24.44	19.18	18.06	17.98	19.39	14.80
CAM5	528098	185597	Roadside	-	83%	30.58	26.47	20.31	19.34	19.87	21.35	16.70
CAM6	526345	184876	Roadside	-	83%	-	31.65	23.55	22.37	20.39	25.02	18.51
CAM7	526479	185411	Roadside	-	83%	-	39.5	30.61	29.19	28.31	23.71	21.23
CAM8	526226	185337	Roadside	-	92%	-	29.75	22.69	22	19.85	22.27	17.04
CAM9	526499	186122	Roadside	-	83%	-	20.9	17.79	16.82	16.13	15.75	13.31
CAM10	528302	183932	Roadside	-	83%	-	-	23.47	20.19	19.93	22.57	18.80
CAM11	524345	185133	Roadside	-	92%	-	-	-	24.4	23.6	24.42	17.99
CAM12	529918	184786	Roadside	-	83%	-	-	24.09	21.32	19.88	23.48	18.06
CAM13	529845	181595	Roadside	-	100%	-	-	-	22.95	22.62	24.51	19.55
CAM14	529804	181519	Roadside	-	100%	-	-	-	26.2	27.04	31.70	24.39
CAM15	529805	181703	Roadside	-	100%	-	-	-	24.09	24.31	26.53	20.93
CAM16	530210	182748	Roadside	-	100%	-	-	-	24.91	24.22	25.71	22.00
CAM17	529583	183051	Roadside	-	92%	-	-	-	22.3	22.76	24.20	17.83
CAM18	529617	182935	Roadside	-	92%	-	-	-	23.75	23.68	27.16	19.29
CAM19	529522	183089	Roadside	-	8%	-	-	-	22.9	21.92	22.78	
CAM20	526856	185301	Roadside	-	92%	-	-	-	19.56	19	20.85	15.76
CAM21	526929	185226	Roadside	-	92%	-	-	-	19.26	19.03	20.82	15.78
CAM22	527006	185160	Roadside	-	83%	-	-	-	19.47	19.48	21.50	16.48
CAM23	527067	185152	Roadside	-	83%	-	-	-	20.31	20.99	22.71	17.20
CAM24	525116	184772	Roadside	-	83%	-	-	-	19.6	19.3	23.20	15.74
CAM25	525199	184709	Roadside	-	92%	-	-	-	24.24	24.56	24.59	18.07
CAM26	525030	184701	Roadside	-	92%	-	-	-	21.92	21.3	24.17	17.93
CAM27	529114	185052	Roadside	-	92%	-	-	-	20.11	19.05	22.07	16.93
CAM28	529112	184960	Roadside	-	92%	-	-	-	18.98	21.69	24.77	16.56
CAM29	529113	184869	Roadside	-	92%	-	-	-	19.7	19.86	21.36	16.29
CAM30	531028	182092	Roadside	-	100%	-	-	-	33.33	33.7	32.48	34.30
CAM31	528745	186598	Roadside	-	92%	-	-	-	18.4	17.78	20.16	13.97
CAM32	528685	186614	Roadside	-	83%	-	-	-	22.79	21.61	23.73	18.95
CAM33	528876	186421	Roadside	-	92%	-	-	-	17.61	16.48	19.42	14.02

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2024 (%) ⁽²⁾	2018	2019	2020	2021	2022	2023	2024
CAM34	528835	182980	Roadside	-	75%	-	-	-	19.51	19.33	20.68	14.35
CAM35	528814	182873	Roadside	-	75%	-	-	-	22.86	21.93	21.27	17.33
CAM36	524928	185092	Roadside	-	92%	-	-	-	21.21	19.8	22.61	17.12
CAM37	525036	185121	Roadside	-	92%	-	-	-	21.36	19.2	22.46	16.03
CAM38	524860	185039	Roadside	-	92%	-	-	-	20.9	20.01	22.48	17.25
CAM39	526216	184457	Roadside	-	83%	-	-	-	21.08	19.79	23.84	16.02
CAM40	528903	185009	Roadside	-	100%	-	-	-	18.46	18.58	20.86	17.02
CAM41	528853	184975	Roadside	-	92%	-	-	-	18.73	18.78	19.86	16.27
CAM42	529409	184720	Roadside	-	83%	-	-	-	22.11	20.24	26.82	18.11
CAM43	526343	185755	Roadside	-	92%	-	-	-	19.46	19.54	21.61	16.06
CAM44	528338	184776	Roadside	-	92%	-	-	-	19.27	19.31	22.66	17.37
CAM45	528233	184430	Roadside	-	100%	-	-	-	23.4	23.43	23.24	19.72
CAM46	529113	182561	Roadside	-	92%	-	-	-	23.76	22.87	23.09	18.68
CAM47	530760	182782	Roadside	-	75%	55.49	48.27	30.91	34.82	32.26	36.39	27.81
CAM48	530705	182701	Roadside	-	92%	38.97	32.93	23.97	23.88	24.48	25.37	20.47
CAM49	530879	182342	Roadside	-	100%	43.12	37.79	25.98	24.07	27.77	30.33	22.84
CAM50	530822	182276	Roadside	-	100%	51.12	46.62	27.96	29.35	29.69	36.25	26.15
CAM51	531294	182146	Roadside	-	100%	39.14	33.42	22.9	23.04	22.53	25.07	20.83
CAM52	531239	182105	Roadside	-	100%	37.17	32.7	23.77	22.22	23.46	25.35	20.63
CAM53	530990	182574	Roadside	-	100%	42.8	37.01	26.27	25.09	23.85	27.93	21.22
CAM54	531147	182179	Roadside	-	100%	42.98	36.01	24.66	23.9	24.95	25.04	20.74
CAM55	530620	182633	Roadside	-	92%	-	-	28.35	30.11	30.21	33.18	25.16
CAM56	530775	182346	Roadside	-	100%	-	-	25.57	24.26	23.08	28.34	22.71
CAM57	531056	181822	Roadside	-	92%	-	-	27	27.17	29.55	29.82	27.37
CAM58	530915	182046	Roadside	-	92%	-	-	-	23.53	24.59	26.92	21.87
CAM59	530823	182079	Roadside	-	100%	-	-	-	25.29	26.31	29.51	24.04
CAM60	530884	182124	Roadside	-	100%	-	-	-	27.86	30.53	31.95	25.84
CAM61	530965	182112	Roadside	-	100%	-	-	-	27.3	28.69	28.63	25.34
CAM62	528305	184657	Roadside	-	100%	49.8	42.59	-	30.21	29.13	30.24	25.44
CAM63	528179	184606	Roadside	-	100%	35.1	33.72	21.93	22.49	20.67	24.04	19.19
CAM64	527990	184602	Roadside	-	92%	38.26	36.59	22.05	23.53	22.49	22.29	20.82
CAM65	528244	184587	Roadside	-	100%	35.61	33.06	21.59	20.41	21.35	24.23	18.90
CAM66	528377	184599	Roadside	-	92%	38.45	34.47	23.7	24.46	23.62	27.17	20.21
CAM67	528380	184636	Roadside	-	100%	46.54	41.21	26.66	30.32	28.55	31.83	27.03
CAM68	528537	184626	Roadside	-	83%	36.54	32.23	21.65	21.67	22.79	22.94	20.10

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2024 (%) ⁽²⁾	2018	2019	2020	2021	2022	2023	2024
CAM69	528736	184719	Roadside	-	92%	45.92	39.14	25.47	27.14	26	25.51	26.60
CAM70	530093	182792	Kerbside	-	83%	-	70.65	53.68	56.9	50.64	51.57	41.90
CAM71	529907	182670	Roadside	-	75%	-	65.28	46.57	46.49	43.15	47.52	44.21
CAM72	530430	182430	Urban Background	-	0%	26.67	25.22	-	-	-	-	-
CAM73	530512	182511	Urban Background	-	83%	-	28.31	22.47	17.23	19.21	17.74	17.40
CAM74	529013	185102	Roadside	-	92%	54.66	46.07	34.23	32.57	28.97	28.14	24.89
CAM75	526213	185519	Urban Background	-	75%	22.12	23.34	18.68	15.14	16.35	14.72	13.69
CAM76	526547	185125	Roadside	-	83%	48.13	43.51	34.47	29.75	27.61	26.65	26.50
CAM77	526633	184392	Kerbside	-	100%	62.30^c	50.89	-	-	35.06	34.37	31.21
CAM78	529904	183138	Roadside	-	75%	-	44.12	43.89	34.19	33.13	35.08	33.34
CAM79	529880	182334	Urban Background	-	83%	35.35	33.9	26.78	22.2	23.91	21.30	22.82
CAM80	529689	182470	Roadside	-	83%	-	49.45	35.32	34.32	30.15	27.70	25.31
CAM81	529568	181728	Kerbside	-	67%	65.75	62.62	43.27	44.18	39.95	43.87	34.90
CAM82	525362	185255	Roadside	-	92%	-	38.75	31.8	29.36	29.81	29.03	25.90
CAM83	528213	187203	Roadside	-	100%	37.37	33.26	24.87	22.31	21.95	17.74	17.54
CAM84	529173	184129	Kerbside	-	100%	55.57	53.69	44.26	36.85	38.08	36.49	33.72
CAM85	528722	185950	Roadside	-	100%	38.68	36.06	29.97	24.48	25.46	23.96	20.45
CAM86	529962	181620	Kerbside	-	100%	59.43	49.60	29.52	32.91	30.8	29.49	27.43
CAM87	529118	185913	Roadside	-	100%	42.55	37.89	28.54	25.83	24.86	24.23	22.70
CAM88	529099	185881	Roadside	-	92%	27.11	28.05	20.44	19.58	20.12	18.81	18.24
CAM89	529060	185848	Roadside	-	67%	30.51	29.9	23.14	22.85	20.2	19.73	17.08
CAM90	529334	183868	Roadside	-	100%	-	32.25	24.62	23.81	22.57	22.41	20.40
CAM91	529142	183738	Roadside	-	92%	-	33.38	28.15	24.05	23.06	28.33	23.60
CAM92	529054	183772	Roadside	-	92%	-	57.88	47.58	39.85	36.05	39.42	35.04
CAM93	529010	183795	Roadside	-	92%	-	39.78	32.34	27.88	28.48	31.59	24.80
CAM94	528971	183636	Roadside	-	92%	-	34.5	27.32	31.8	28.33	36.10	30.42
CAM95	528968	183551	Roadside	-	75%	-	31.88	25.98	23.38	22.7	25.60	20.39
CAM96	528881	183697	Roadside	-	92%	-	34.03	27.27	25.03	23.38	27.48	20.40
CAM97	528867	183547	Roadside	-	75%	-	33.06	25.61	23.98	23.41	24.77	20.40
CAM98	528866	183590	Roadside	-	92%	-	42.99	34.65	31.28	31.87	34.22	26.93
CAM99	528836	183625	Roadside	-	83%	-	29.72	23.1	21.68	20.27	23.07	17.78

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2024 (%) ⁽²⁾	2018	2019	2020	2021	2022	2023	2024
CAM100	528695	183596	Roadside	-	75%	-	35.61	29.24	30.08	26.98	30.15	22.57
CAM101	528654	183570	Roadside	-	92%	-	46.32	38.58	36.17	32.88	34.66	25.53
CAM102	528604	183457	Roadside	-	92%	-	35.01	31.47	28.49	26.71	30.32	22.53
CAM103	528636	183577	Roadside	-	92%	-	41.85	35.74	30.81	29.97	33.45	25.06
CAM104	528560	183695	Roadside	-	75%	-	31.04	27.56	24.66	23.26	28.60	20.47
CAM105	528724	183702	Roadside	-	83%	-	41.99	35.9	33.98	31.04	30.58	28.12
CAM106	529548	184449	Roadside	-	92%	-	30.49	-	20.87	18.93	21.65	16.31
CAM107	529677	184531	Roadside	-	83%	-	29.02	-	20.32	19.52	22.50	17.79
CAM108	529725	184680	Roadside	-	83%	-	29.46	-	20.59	19.29	22.59	17.28
CAM109	529767	184734	Roadside	-	92%	-	31.17	-	20.67	20.16	25.78	18.56
CAM110	529754	184457	Roadside	-	92%	-	31.26	-	21.49	20.51	24.39	18.30
CAM111	526456	184931	Roadside	-	-	-	27.57	-	-	-	-	-
CAM112	526586	184586	Roadside	-	-	-	40.11	-	-	-	-	-
CAM113	526559	184324	Roadside	-	-	-	28.66	-	-	-	-	-
CAM114	526815	184322	Roadside	-	-	-	36.15	-	-	-	-	-
CAM115	527010	184452	Roadside	-	-	-	29.7	-	-	-	-	-
CAM116	526984	184239	Roadside	-	-	-	33.15	-	-	-	-	-
CAM117	527318	184555	Roadside	-	-	-	38	-	-	-	-	-
CAM118	526948	184906	Roadside	-	-	-	31.92	-	-	-	-	-
CAM119	527278	185153	Roadside	-	-	-	40.39	-	-	-	-	-
CAM120	527314	185509	Roadside	-	-	-	44.99	-	-	-	-	-
CAM121	528081	184490	Roadside	-	100%	-	33.06	23.51	20.97	22.04	21.20	18.62
CAM122	528558	184331	Roadside	-	92%	-	31.74	24.89	20.65	18.49	18.40	16.03
CAM123	528619	184315	Roadside	-	92%	-	31.8	26.13	20.65	21.42	19.64	17.38
CAM124	528881	184287	Roadside	-	92%	-	42.93	34.11	26.78	27.86	28.39	22.00
CAM125	528935	184053	Roadside	-	92%	-	45.01	33.81	27.76	27.98	26.10	23.38
CAM126	528898	184094	Roadside	-	100%	-	38.89	32.26	25.71	26.4	22.12	21.63
CAM127	528704	184011	Roadside	-	92%	-	38.7	29.87	25.8	22.56	21.06	18.15
CAM128	528722	184127	Roadside	-	92%	-	41.47	33.09	26.31	27.18	25.52	22.17
CAM129	528845	183970	Roadside	-	83%	-	38.81	30.51	29.66	27.79	26.19	23.35
CAM130	528884	183901	Roadside	-	92%	-	47.65	37.79	31.35	30.19	30.51	25.12
CAM131	528915	183870	Kerbside	-	67%	-	53.9	40.71	37.04	36.87	36.50	32.52
CAM132	528770	183887	Roadside	-	100%	-	33.97	26.9	22.71	23.27	20.60	18.79
CAM133	528715	184456	Roadside	-	100%	-	28.09	22.1	17.93	19.94	18.03	16.30
CAM134	528119	184354	Roadside	-	100%	-	31.43	22.15	20.87	21.46	23.33	18.41

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2024 (%) ⁽²⁾	2018	2019	2020	2021	2022	2023	2024
CAM135	528335	184338	Roadside	-	100%	-	42.38	33.28	27.11	26.69	31.98	24.26
CAM136	528456	184345	Roadside	-	92%	-	36.73	30.33	29.4	27.76	31.06	24.57
CAM137	528582	184265	Roadside	-	100%	-	33.72	25.18	22.66	22.76	25.45	20.14
CAM138	527278	185153	Roadside	-	83%	-	-	30.83	30.93	32.1	32.75	27.06
CAM139	527184	185274	Roadside	-	83%	-	-	32.23	37.29	34.53	35.65	31.33
CAM140	527299	185071	Roadside	-	75%	-	-	22.51	21.83	20.65	24.25	18.84
CAM141	527500	184974	Roadside	-	83%	-	-	26.53	26.32	26.32	26.24	21.56
CAM142	529606	183589	Roadside	-	75%	-	-	-	28.34	25.39	32.29	23.95
CAM143	529443	183941	Roadside	-	83%	-	-	27.64	25.14	24.76	28.48	20.07
CAM144	529405	184139	Roadside	-	75%	-	-	-	26.99	-	32.03	21.00
CAM145	529233	184325	Roadside	-	83%	-	-	-	27.2	26.39	28.97	21.23
CAM146	529289	183697	Roadside	-	83%	-	-	23.37	23.15	21.53	26.24	17.77
CAM147	530004	184626	Roadside	-	83%	-	-	32.25	32.04	29.04	32.34	24.79
CAM148	530067	184286	Roadside	-	75%	-	-	-	36.39	31.92	34.80	27.04
CAM149	530320	183606	Roadside	-	83%	-	-	29.66	31.45	28.66	29.85	25.81
CAM150	528259	185061	Roadside	-	67%	-	-	-	21.21	20.08	22.49	15.67
CAM151	528191	185041	Roadside	-	83%	-	-	-	20.46	19.98	21.40	17.10
CAM152	528248	185360	Roadside	-	92%	-	-	-	21.39	21.51	23.11	17.87
CAM153	528404	185130	Roadside	-	100%	-	-	-	20.08	20.13	21.72	17.92
CAM154	528516	185100	Roadside	-	100%	-	-	-	21.28	20.93	22.79	18.74
CAM155	528874	185037	Roadside	-	92%	-	-	-	20.97	20.11	19.61	15.79
CAM156	527865	185224	Roadside	-	92%	-	-	-	25.06	26.1	26.60	20.80
CAM157	528251	184767	Roadside	-	100%	-	-	-	21.29	22.44	24.84	18.46
CAM158	528334	184832	Roadside	-	100%	-	-	-	18.27	19.53	21.67	18.18
CAM159	528309	185097	Roadside	-	92%	-	-	-	20.02	20.05	22.03	18.38
CAM160	528430	184837	Roadside	-	92%	-	-	-	17.06	19.61	20.18	16.50
CAM161	529595	185067	Roadside	-	83%	-	-	-	21.47	20.78	23.22	16.53
CAM162	529842	184780	Roadside	-	83%	-	-	-	26.14	24.71	27.73	21.63
CAM163	529317	184124	Roadside	-	58%	-	-	-	21.28	22.77	24.21	21.55
CAM164	529264	184155	Roadside	-	83%	-	-	-	26.22	24.48	28.84	21.81
CAM165	529310	183998	Roadside	-	83%	-	-	-	27.07	26.48	29.90	22.73
CAM166	529279	183390	Roadside	-	83%	-	-	-	42.58	40.69	46.11	35.90
CAM167	527440	184319	Roadside	-	92%	-	-	-	33.59	38.92	41.99	34.26
CAM168	526852	184138	Roadside	-	92%	-	-	-	31.14	33.83	37.22	27.62
CAM169	526885	183959	Roadside	-	92%	-	-	-	26.47	26.06	28.83	21.60

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2024 (%) ⁽²⁾	2018	2019	2020	2021	2022	2023	2024
CAM170	526924	183780	Roadside	-	92%	-	-	-	22.59	21.38	23.16	16.87
CAM171	527018	183899	Roadside	-	92%	-	-	-	25.47	24.54	25.62	20.35
CAM172	527372	184086	Roadside	-	92%	-	-	-	21.6	19.56	23.58	16.87
CAM173	527517	184159	Roadside	-	92%	-	-	-	21.78	19.07	22.04	16.40
CAM174	526930	184135	Roadside	-	92%	-	-	-	27.78	29.24	28.47	23.44
CAM175	527213	184163	Roadside	-	83%	-	-	-	24.26	22.76	23.50	17.23
CAM176	527496	184210	Roadside	-	92%	-	-	-	23.96	22.28	23.55	17.45
CAM177	527595	184210	Roadside	-	92%	-	-	-	23	22.13	24.50	17.96
CAM178	527582	184132	Roadside	-	83%	-	-	-	25.03	21.98	24.52	18.64
CAM179	530221	182086	Roadside	-	-	53.4	49.02	34.71	-	-	-	-
CAM180	530234	182066	Roadside	-	-	56.93	54.13	36.64	-	-	-	-
CAM181	530292	182162	Roadside	-	-	43.16	41.53	31.02	-	-	-	-
CAM182	530386	182171	Roadside	-	100%	45.73	43.83	31.97	27.61	29.57	30.10	25.52
CAM183	530210	181917	Roadside	-	-	45.65	41.53	29.93	-	-	-	-
CAM184	530057	182060	Roadside	-	-	53.78	46.98	31.62	-	-	-	-
CAM185	530098	182122	Roadside	-	-	70.46	64.49	43.26	-	-	-	-
CAM186	530001	182105	Roadside	-	-	51.49	49.25	34.82	-	-	-	-
CAM187	530015	181854	Roadside	-	-	42.69	40.69	29.53	-	-	-	-
CAM188	529854	181852	Roadside	-	-	45.57	38.82	25.42	-	-	-	-
CAM189	530104	182388	Roadside	-	83%	46.58	39.95	32.22	29.64	29.67	32.50	25.10
CAM190	530097	182242	Roadside	-	-	49.73	45.74	37.09	-	-	-	-
CAM191	530177	182316	Roadside	-	-	45.55	40.05	32.09	-	-	-	-
CAM192	530280	182407	Roadside	-	-	52.22	41.05	30.41	-	-	-	-
CAM193	530338	182420	Roadside	-	-	41.26	36.2	26.79	-	-	-	-
CAM194	530343	182500	Roadside	-	83%	48.34	41.15	28.63	27.95	26.66	29.89	21.50
CAM195	530122	182465	Roadside	-	-	46.2	37.89	32.3	-	-	-	-
CAM196	530193	182529	Roadside	-	83%	46.69	38.61	30.07	27.2	26.21	28.47	22.62
CAM197	530109	182567	Roadside	-	-	43.54	36.89	27.54	-	-	-	-
CAM198	530100	182682	Roadside	-	-	42.6	37.74	26.85	-	-	-	-
CAM199	530138	182696	Roadside	-	-	53.85	42.17	31.74	-	-	-	-
CAM200	530044	182947	Roadside	-	92%	71.2	57.86	39.85	35.17	35.09	38.47	32.83
CAM201	530054	182710	Roadside	-	92%	48.48	41.84	28.07	-	-	-	26.28
CAM202	529985	182674	Roadside	-	92%	57.55	47.56	36.25	-	-	-	25.43
CAM203	529893	182540	Roadside	-	100%	50.38	42.3	31	-	-	-	23.70
CAM204	529860	182451	Roadside	-	100%	68.26	59.37	43.16	37.01	37.27	-	38.06

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2024 (%) ⁽²⁾	2018	2019	2020	2021	2022	2023	2024
CAM205	529753	182452	Roadside	-	-	50.69	44.64	33.24	-	-	-	-
CAM206	529509	182363	Roadside	-	-	-	47.88	32.47	-	-	-	-
CAM207	529236	181811	Roadside	-	-	-	39.03	28.36	-	-	-	-
CAM208	530352	182100	Roadside	-	-	45.54	46.49	31.39	-	-	-	-
CAM209	530402	181627	Roadside	-	-	71.25	60.36	40.34	-	-	-	-
CAM210	530385	181352	Roadside	-	-	37.27	36.26	25.42	-	-	-	-
CAM211	530165	181329	Roadside	-	-	58.48	54.81	35.46	-	-	-	-
CAM212	530278	181926	Roadside	-	-	56.02	51.48	33.98	-	-	-	-
CAM213	530386	181485	Roadside	-	-	58.99	50.14	33.17	-	-	-	-
CAM214	530205	181673	Roadside	-	-	52.36	44.64	29.57	-	-	-	-
CAM215	529649	182364	Roadside	-	-	44.12	40.04	31.17	-	-	-	-
CAM216	529281	182256	Roadside	-	25%	55.99	53.8	50.93	31.36	-	-	19.20
CAM217	529364	182207	Roadside	-	-	57.56	54.1	42.19	35.13	-	-	-
CAM218	529467	181964	Roadside	-	-	50.39	-	-	-	-	-	-
CAM219	529555	181988	Roadside	-	-	42.6	42.6	31.57	31.38	-	-	-
CAM220	529608	181749	Roadside	-	-	57.75	-	-	-	-	-	-
CAM221	529646	181775	Roadside	-	-	38.46	35.5	27.99	26.96	-	-	-
CAM222	529531	181588	Roadside	-	-	39.7	36.4	28.3	26.1	-	-	-
CAM223	529725	181553	Roadside	-	-	69.44	71.8	55.42	42.02	-	-	-
CAM224	529816	181391	Roadside	-	-	70.66	-	-	-	-	-	-
CAM225	529901	181254	Roadside	-	-	71.59	67.2	45.35	30.63	-	-	-
CAM226	530095	181327	Roadside	-	-	64.71	56.5	33.81	39.55	-	-	-
CAM227	530051	181454	Roadside	-	-	92.31	77.5	36.93	43.92	-	-	-
CAM228	529900	181708	Roadside	-	-	64.88	50.5	28.04	30.77	-	-	-
CAM229	529650	182060	Roadside	-	92%	57.51	45.7	26.95	32.03	-	-	25.12
CAM230	529443	182350	Roadside	-	-	64.31	55.1	32.34	32.1	-	-	-
CAM231	529682	182314	Roadside	-	-	43.71	40.3	31.46	30.56	-	-	-
CAM232	529905	182667	Roadside	-	-	74.74	69.6	47.21	46.08	-	-	-
CAM233	529844	181551	Roadside	-	-	46.55	39.8	27.89	26.02	-	-	-
CAM234	530074	181163	Roadside	-	-	-	46.1	28	25.31	-	-	-
CAM235	530056	181082	Roadside	-	-	-	44.6	29.84	30.49	-	-	-
CAM236	529460	181975	Roadside	-	-	-	55.5	40.05	38.09	-	-	-
CAM237	529590	181751	Roadside	-	-	-	62	51.21	48.65	-	-	-
CAM238	529812	181400	Roadside	-	-	-	57.8	47.93	43.47	-	-	-
CAM239	530032	181005	Roadside	-	-	-	-	-	26.35	-	-	-

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2024 (%) ⁽²⁾	2018	2019	2020	2021	2022	2023	2024
CAM240	530178	181127	Roadside	-	-	-	-	-	27.11	-	-	-
CAM241	530042	181188	Roadside	-	92%	-	-	34.2	33.1	31.31	32.55	28.46
CAM242	529978	181100	Roadside	-	92%	-	-	32.09	27.94	28.48	26.42	24.51
CAM243	530073	181169	Roadside	-	92%	-	-	30.25	27.09	26.75	31.97	22.82
CAM244	530059	181041	Roadside	-	92%	-	-	30.98	25.03	26.86	29.41	23.22
CAM245	530036	181120	Roadside	-	92%	-	-	35.88	30.21	31.03	35.93	28.96
CAM246	530086	181070	Roadside	-	92%	-	-	46.33	38.14	43.9	49.64	38.23
CAM247	530131	181105	Roadside	-	92%	-	-	31.25	25.74	26.6	29.56	23.71
CAM248	530018	181078	Roadside	-	83%	-	-	44.43	37.9	42.63	50.91	42.79
CAM249	530009	181037	Roadside	-	83%	-	-	29.42	26.78	28.39	31.93	25.69
CAM250	530100	181029	Roadside	-	92%	-	-	26.74	23.68	25.51	30.04	23.59
CAM251	530114	181134	Roadside	-	83%	-	-	29.28	23.91	26.55	29.29	24.06
CAM252	530139	181178	Roadside	-	75%	-	-	27.67	25.18	25.59	27.54	24.75
CAM253	529497	183948	Roadside	-	67%	-	-	-	21.78	21	17.09	16.06
CAM254	529660	183797	Roadside	-	92%	-	-	-	19.85	21.5	21.01	17.93
CAM255	529698	183770	Roadside	-	100%	-	-	-	19	19.95	19.05	16.69
CAM256	529748	183733	Roadside	-	92%	-	-	-	22.12	19.86	19.13	17.08
CAM257	529988	183524	Roadside	-	83%	-	-	-	23.42	23.59	24.36	21.17
CAM258	528021	185593	Roadside	-	83%	-	-	-	16.57	17.97	19.77	15.32
CAM259	527926	185614	Roadside	-	83%	-	-	-	17.55	17.62	20.29	15.89
CAM260	527865	185604	Roadside	-	83%	-	-	-	17.24	17.78	20.11	15.39
CAM261	525668	183335	Roadside	-	83%	-	-	-	25.64	24.85	32.44	20.26
CAM262	525557	183462	Roadside	-	75%	-	-	-	28.22	28.67	33.97	22.19
CAM263	525439	183589	Roadside	-	92%	-	-	-	50.98	50.93	41.99	39.65
CAM264	525381	183708	Roadside	-	83%	-	-	-	30.93	30.58	32.74	24.03
CAM265	525258	183828	Roadside	-	83%	-	-	-	42.83	49.99	37.21	30.61
CAM266	525156	183991	Roadside	-	92%	-	-	-	42.26	45.58	44.06	33.20
CAM267	525077	184067	Roadside	-	92%	-	-	-	43.69	45.29	41.93	33.68
CAM268	524998	184185	Roadside	-	83%	-	-	-	29.98	31.41	31.77	23.53
CAM269	524904	184281	Roadside	-	67%	-	-	-	37.84	40.87	38.63	29.80
CAM270	524747	184500	Roadside	-	92%	-	-	-	43.84	35.22	33.21	20.71
CAM271	524631	184665	Roadside	-	92%	-	-	-	35.67	36.19	38.09	28.81
CAM272	528437	187270	Roadside	-	83%	-	-	-	23.31	19.49	21.32	17.25
CAM273	528324	186396	Roadside	-	92%	-	-	-	22.07	21.56	23.21	19.20
CAM274	528918	186959	Roadside	-	83%	-	-	-	24.22	20.7	22.50	20.77

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2024 (%) ⁽²⁾	2018	2019	2020	2021	2022	2023	2024
CAM275	528967	186654	Roadside	-	83%	-	-	-	24.85	23.18	25.20	19.94
CAM276	529025	186145	Roadside	-	92%	-	-	-	26.56	25.26	27.59	21.23
CAM277	528364	186173	Roadside	-	92%	-	-	-	41.69	31.46	32.78	28.17
CAM278	528763	185546	Roadside	-	83%	-	-	-	27.36	26.77	28.87	21.70
CAM279	528523	185778	Roadside	-	92%	-	-	-	28.73	27.08	31.73	24.70
CAM280	528939	185366	Roadside	-	92%	-	-	-	27.21	26.23	29.35	21.64
CAM281	528788	186048	Roadside	-	83%	-	-	-	21.02	20.05	22.67	17.41
CAM282	528924	186085	Roadside	-	92%	-	-	-	24.91	23.48	26.22	19.13
CAM283	529119	186219	Roadside	-	92%	-	-	-	21.62	20.77	24.12	16.83
CAM284	529179	186011	Roadside	-	83%	-	-	-	26.97	26.03	29.71	22.12
CAM285	529016	185533	Roadside	-	83%	-	-	-	25.29	25.18	27.85	19.72
CAM286	529885	183280	Roadside	-	100%	-	-	-	-	38.49	40.39	36.83
CAM287	529813	183349	Roadside	-	100%	-	-	-	-	25.91	23.47	24.06
CAM288	529750	183288	Roadside	-	92%	-	-	-	-	20.91	21.51	18.73
CAM289	529797	183187	Roadside	-	67%	-	-	-	-	22.36	22.50	20.49
CAM290	529641	183282	Roadside	-	100%	-	-	-	-	20.34	19.21	18.16
CAM291	529611	183444	Roadside	-	100%	-	-	-	-	20.76	20.54	19.02
CAM292	529424	183445	Roadside	-	100%	-	-	-	-	25.29	25.24	21.52
CAM293	529224	183362	Roadside	-	67%	-	-	-	-	28.39	29.56	24.98
CAM294	529229	183231	Roadside	-	100%	-	-	-	-	27.41	26.99	23.94
CAM295	529321	183239	Roadside	-	100%	-	-	-	-	28	29.64	26.26
CAM296	529527	183264	Roadside	-	67%	-	-	-	-	20.84	19.66	17.83
CAM297	529601	183148	Roadside	-	92%	-	-	-	-	21.08	20.17	19.96
CAM298	529555	182900	Roadside	-	100%	-	-	-	-	23.91	23.21	21.11
CAM299	529717	182992	Roadside	-	100%	-	-	-	-	22.91	22.60	20.55
CAM300	529815	182830	Roadside	-	100%	-	-	-	-	23.05	22.47	21.01
CAM301	529802	182703	Roadside	-	100%	-	-	-	-	27.86	27.17	26.06
CAM302	529949	182798	Roadside	-	92%	-	-	-	-	25.15	26.09	22.91
CAM303	529887	182813	Roadside	-	100%	-	-	-	-	23.76	22.64	21.37
CAM304	529786	183038	Roadside	-	92%	-	-	-	-	27.53	26.14	22.89
CAM305	529987	183060	Roadside	-	92%	-	-	-	-	32.09	33.31	30.12
CAM306	530231	183453	Roadside	-	75%	-	-	-	-	30.48	28.60	26.22
CAM307	529874	184379	Roadside	-	92%	-	-	-	-	26.59	30.33	22.42
CAM308	529515	184274	Roadside	-	83%	-	-	-	-	25.07	28.31	20.16
CAM309	528687	185016	Roadside	-	92%	-	-	-	-	24.16	25.33	19.76

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2024 (%) ⁽²⁾	2018	2019	2020	2021	2022	2023	2024
CAM310	530149	181611	Roadside	-	100%	-	-	-	-	-	34.42	32.52
CAM311	530250	181473	Roadside	-	100%	-	-	-	-	-	28.47	27.37
CAM312	530414	181645	Roadside	-	100%	-	-	-	-	-	40.47	33.66
CAM313	530429	181459	Roadside	-	100%	-	-	-	-	-	29.32	25.83
CAM314	530608	181291	Roadside	-	92%	-	-	-	-	-	39.97	29.94
CAM315	530755	181566	Roadside	-	100%	-	-	-	-	-	44.07	32.23
CAM316	530573	181653	Roadside	-	83%	-	-	-	-	-	34.86	27.16
CAM317	530743	181719	Roadside	-	92%	-	-	-	-	-	26.30	23.68
CAM318	530845	181904	Roadside	-	100%	-	-	-	-	-	40.27	33.67
CAM319	530529	182013	Roadside	-	58%	-	-	-	-	-	31.50	23.27
CAM320	531321	182050	Roadside	-	100%	-	-	-	-	-	33.01	30.53
CAM321	531223	182034	Roadside	-	83%	-	-	-	-	-	34.86	31.05
CAM322	531160	182039	Roadside	-	100%	-	-	-	-	-	31.20	26.41
CAM323	531012	181982	Roadside	-	100%	-	-	-	-	-	41.16	34.85
CAM324	531092	182097	Roadside	-	92%	-	-	-	-	-	39.23	26.64
CAM325	531123	182188	Roadside	-	92%	-	-	-	-	-	31.95	25.85
CAM326	529042	183678	Roadside	-	83%	-	-	-	-	-	42.47	31.61
CAM327	529011	184402	Roadside	-	92%	-	-	-	-	-	25.76	19.71
CAM328	528379	183669	Roadside	-	92%	-	-	-	-	-	35.05	24.35
CAM329	529231	183805	Roadside	-	83%	-	-	-	-	-	27.34	19.80
CAM350	528998	182949	Roadside	-	67%	-	-	-	-	-	-	14.67
CAM351	528945	182714	Roadside	-	83%	-	-	-	-	-	-	17.28
CAM352	529081	182442	Roadside	-	83%	-	-	-	-	-	-	20.99
CAM353	528836	182310	Roadside	-	83%	-	-	-	-	-	-	31.07
CAM354	529207	182326	Roadside	-	75%	-	-	-	-	-	-	22.75
CAM355	529224	182288	Roadside	-	83%	-	-	-	-	-	-	30.01
CAM356	529303	182367	Roadside	-	83%	-	-	-	-	-	-	28.15
CAM357	529308	182328	Roadside	-	50%	-	-	-	-	-	-	28.92
CAM358	529760	182677	Roadside	-	67%	-	-	-	-	-	-	28.68
CAM359	530224	182910	Roadside	-	50%	-	-	-	-	-	-	33.31
CAM360	529749	182606	Roadside	-	83%	-	-	-	-	-	-	27.71
CAM361	529617	182413	Roadside	-	83%	-	-	-	-	-	-	22.08
CAM362	529646	182536	Roadside	-	67%	-	-	-	-	-	-	32.25
CAM363	529070	182624	Roadside	-	83%	-	-	-	-	-	-	17.75
CAM364	529455	183015	Roadside	-	83%	-	-	-	-	-	-	20.87

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2024 (%) ⁽²⁾	2018	2019	2020	2021	2022	2023	2024
CAM365	530331	183085	Roadside	-	58%	-	-	-	-	-	-	29.96
CAM372	527452	185471	Roadside	-	42%	-	-	-	-	-	-	22.62
CAM373	527682	185387	Roadside	-	42%	-	-	-	-	-	-	22.74
CAM374	527612	185306	Roadside	-	42%	-	-	-	-	-	-	14.85
CAM375	527558	185196	Roadside	-	42%	-	-	-	-	-	-	15.27
CAM376	527773	185026	Roadside	-	42%	-	-	-	-	-	-	17.13
CAM377	527739	184788	Roadside	-	42%	-	-	-	-	-	-	18.25

☒ Annualisation has been conducted where data capture is <75% and >25% in line with LLAQM.TG19.

☒ Diffusion tube data has been bias-adjusted.

☒ Reported concentrations are those at the location of the monitoring site (bias adjusted and annualised, as required), i.e. prior to any fall-off with distance correction.

Notes:

The annual mean concentrations are presented as $\mu\text{g m}^{-3}$.

Exceedances of the NO₂ annual mean objective of 40 $\mu\text{g m}^{-3}$ are shown in **bold**.

NO₂ annual means exceeding 60 $\mu\text{g m}^{-3}$, indicating a potential exceedance of the NO₂ 1-hour mean objective are shown in **bold and underlined**.

Means for diffusion tubes have been corrected for bias. All means have been “annualised” in accordance with LLAQM Technical Guidance if valid data capture for the calendar year is less than 75% and greater than 25%.

Concentrations are those at the location of monitoring and not those following any fall-off with distance adjustment.

(1) Data capture for the monitoring period, in cases where monitoring was only carried out for part of the year.

(2) Data capture for the full calendar year (e.g. if monitoring was carried out for 6 months, the maximum data capture for the full calendar year is 50%).

Commentary on annual mean NO₂ data from diffusion tube monitoring

In 2024 Camden commenced diffusion tube monitoring at 55 new locations. By the end of the year, Camden Council actively measure NO₂ at 321 diffusion tube sites and four automatic sites. This monitoring network will continue to be reviewed and expanded where appropriate, with multiple new monitoring locations to be installed for the start of 2025.

The annual mean NO₂ concentrations for 2024 have decreased at all but one of the 32 long-term monitoring locations within the borough when compared to 2023 data, with an average reduction in bias adjusted (and annualised, where necessary) recordings of 2.74 µg/m³ (nine percent) across these sites. Of these long-term monitoring sites, there are nine which have had data collected since 2018. During this period, there has been an average reduction in annual NO₂ concentration of 21.68 µg/m³ (46%); this is illustrated in Figure 2 below. The continued reduction in NO₂ over the past seven years is clear, with several sites which were historically far in exceedance of the 40µg/m³ legal limit for NO₂ (such as Kentish Town Road, Tottenham Court Road, and Camden Road) now recording below this level. This does not mean that there will be any reduction in effort to improve air quality throughout Camden: The Council maintain the commitment to realise the community's vision for a borough in which no person experiences ill health because of the air they breathe.

In total, there have been 261 diffusion tube monitoring locations in Camden with data collected in both 2023 and 2024, with only four of these recording increased/ worsened NO₂ concentrations in 2024. The average increase for these four sites was just 1.25 µg/m³. For the fifth year in a row, no monitoring site has recorded an annual mean above 60 µg/m³, which indicates that the short-term (one-hour) NO₂ objective is likely to have not been exceeded at any of the sites during 2024.

Figure 2. Non-automatic Monitoring Annual Mean NO₂ Concentration

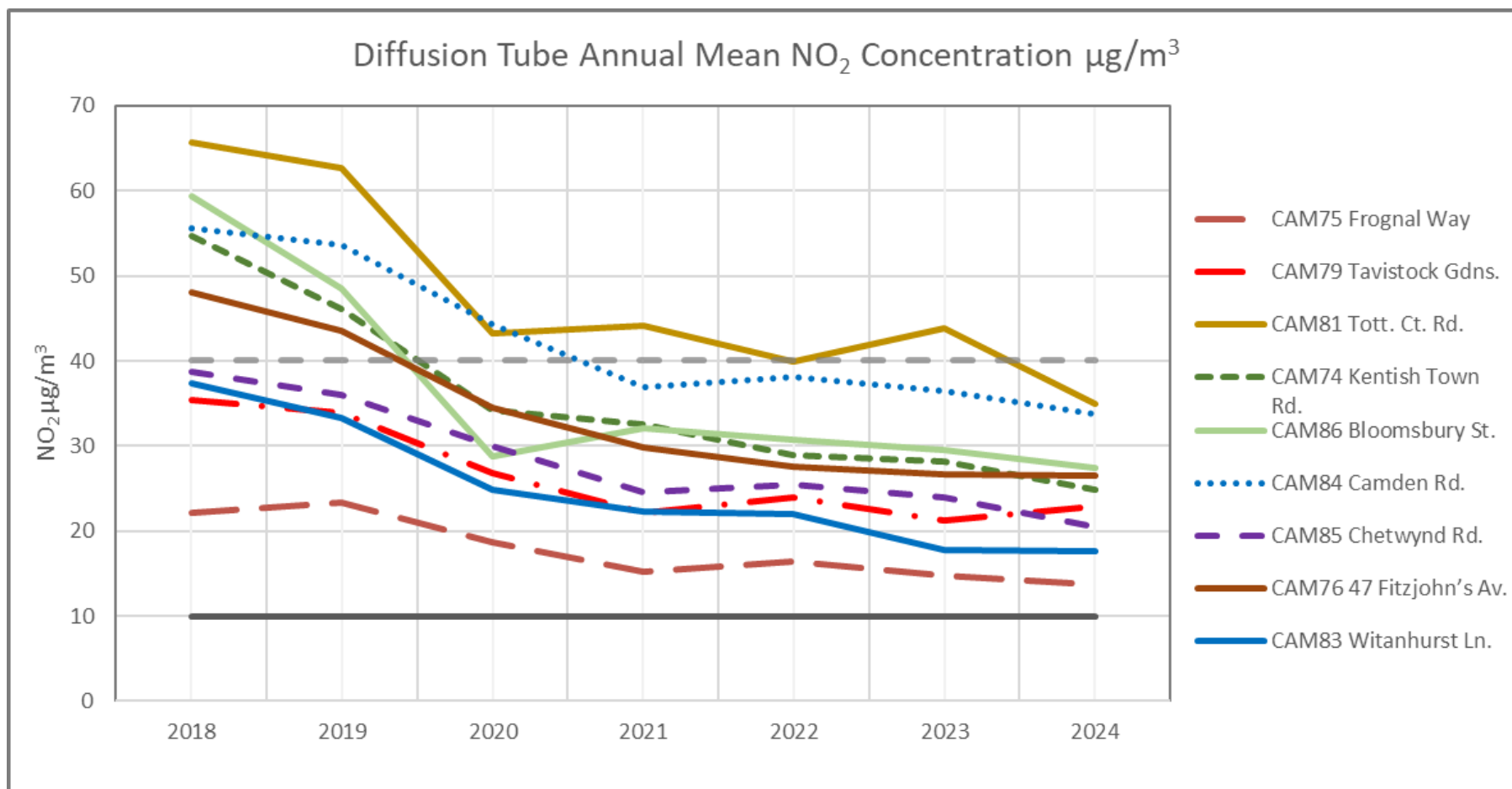


Table F. NO₂ Automatic Monitoring Results: Comparison with 1-hour Mean Objective, Number of 1-Hour Means > 200 µg m⁻³

Site ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid data capture for monitoring period % ^(a)	Valid data capture 2024 % ^(b)	2018	2019	2020	2021	2022	2023	2024
BL0	530123	182014	Urban Background	-	94%	0	0	0	0	0	0	0
CD1	526629	184391	Kerbside	-	98%	2	1	0	2	0	0	0
CD9	529878	182648	Roadside	-	82%	18	7	0	1	2	0	0
CD010	528832	183995	Roadside	-	99%	-	-	-	0	0	0	0

Notes

Results are presented as the number of 1-hour periods where concentrations greater than 200 µg m⁻³ have been recorded.

Exceedance of the NO₂ short term AQO of 200 µg m⁻³ over the permitted 18 hours per year are shown in **bold**.

If the period of valid data is less than 85%, the 99.8th percentile of 1-hour means is provided in brackets.

(a) Data capture for the monitoring period, in cases where monitoring was only carried out for part of the year

(b) 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%)

Commentary on 1-hour mean NO₂ data from automatic monitoring

In 2024, there were no exceedances of the one-hour mean level recorded across Camden's automatic monitoring network, for the second year in a row.

Table G. Annual Mean PM₁₀ Automatic Monitoring Results (µg m⁻³)

Site ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid data capture for monitoring period % ^(a)	Valid data capture 2024 % ^(b)	2018	2019	2020	2021	2022	2023	2024
BL0	530123	182014	Urban Background	-	94%	17	18	16	16	17	13	12
CD1	526629	184391	Kerbside	-	94%	21	19	16	16	21	18	18
CD9	529878	182648	Roadside	-	72%	21	22	18	19	21	18	18
KGX	529831	183250	Urban Background/ Industrial*	-	79%	15	15	13	13	15	14	14

Notes

The annual mean concentrations are presented as µg m⁻³.

Exceedances of the PM₁₀ annual mean AQO of 40 µg m⁻³ are shown in **bold**.

All means have been “annualised” in accordance with LLAQM Technical Guidance, if valid data capture is less than 75% and more than 25%.

(a) Data capture for the monitoring period, in cases where monitoring was only carried out for part of the year.

(b) 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%).

Commentary on annual mean PM₁₀ data from automatic monitoring

Camden's automatic PM₁₀ monitoring data exhibits an overall downward trend since 2018, with an average reduction of 3.67 µg/m³ (19% during) this time across the BL0 London Bloomsbury, CD1 Swiss Cottage, CD9 Euston Road, and KGX Coopers Lane sites. PM₁₀ data coverage at the CD9 was 72%, meaning that the dataset had to be annualised however, this did not change the annual mean concentration significantly (0.23 µg/m³).

PM₁₀ annual mean concentrations have reduced at only the BL0 monitoring station in 2024 from the previous year, reducing by just 1 µg/m³ (8%) reduction. All other sites have recorded similar annual mean PM₁₀ concentrations to those recorded for 2023, implying a plateau in particulates reductions in Camden. Each site has continued to record below the legal limit of 40 µg/m³ however, only the BL0 London Bloomsbury and KGX Coopers Lane urban background monitoring sites are within the 2021 updated WHO objective of 15 µg/m³ annual mean for PM₁₀.

Figure 3 illustrates annual mean PM₁₀ concentration as measured at four automatic monitoring sites in Camden, showing the reduction in PM₁₀ concentrations in 2024 compared to the previous seven years.

Figure 3. Automatic Monitoring Annual Mean PM₁₀ Concentrations

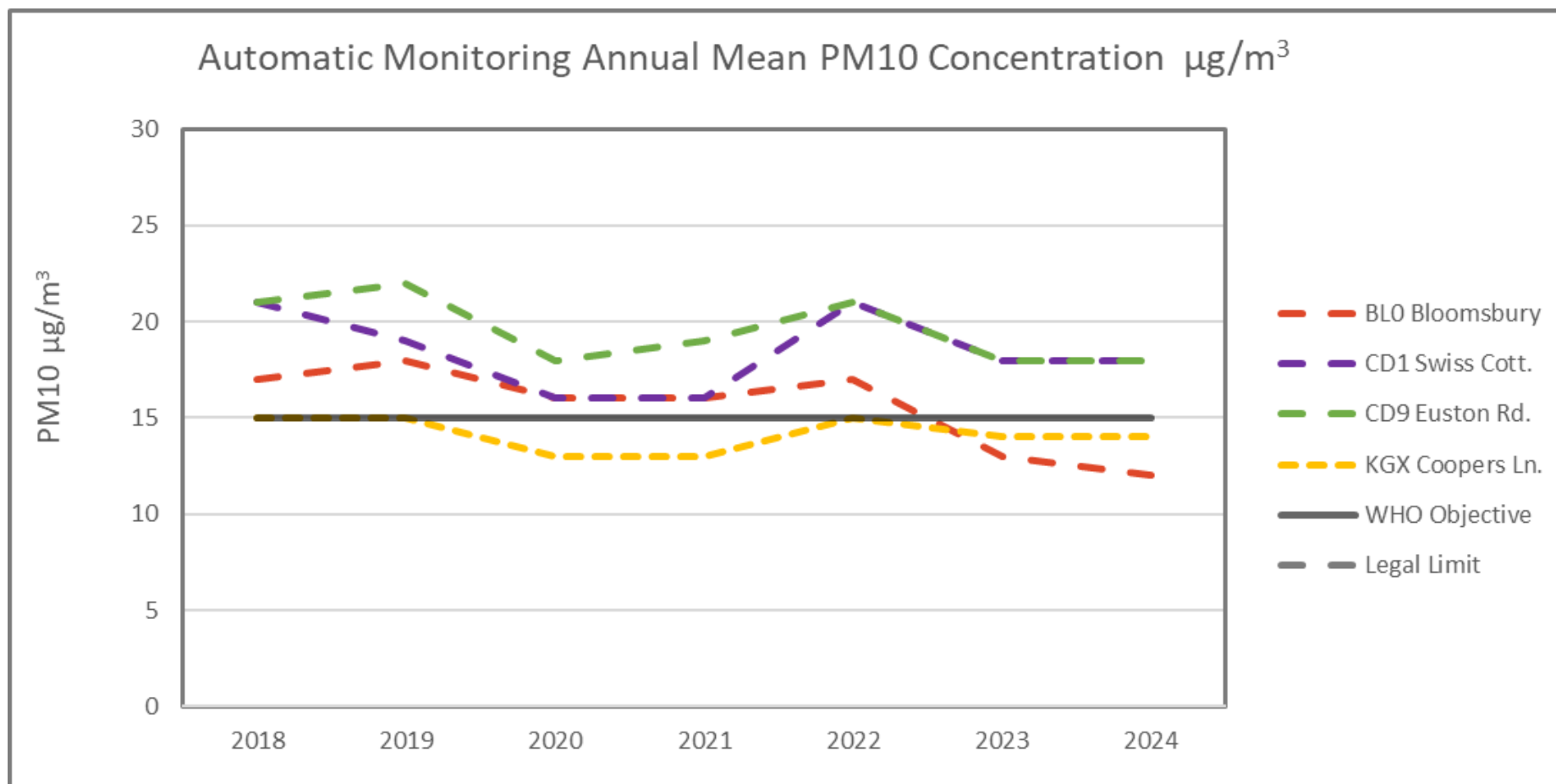


Table H. PM₁₀ Automatic Monitoring Results: Comparison with 24-Hour Mean Objective, Number of PM₁₀ 24-Hour Means > 50 µg m⁻³

Site ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid data capture for monitoring period % ^(a)	Valid data capture 2024 % ^(b)	2018	2019	2020	2021	2022	2023	2024
BL0	530123	182014	Urban Background	-	94%	1	9	4	0	5	0	0
CD1	526629	184391	Kerbside	-	94%	4	8	3	0	0	2	0
CD9	529878	182648	Roadside	-	72%	2	8	2	2	6	4	0
KGX	529831	183250	Urban Background/ Industrial*	-	79%	1	5	1	0	5	1	0

Notes

Exceedances of the PM₁₀ 24-hour mean objective (50 µg m⁻³ over the permitted 35 days per year) are shown in **bold**.

Where the period of valid data is less than 85% of a full year, the 90.4th percentile is provided in brackets.

(a) data capture for the monitoring period, in cases where monitoring was only carried out for part of the year

(b) 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%).

Commentary on 24-hour mean PM₁₀ data from automatic monitoring

In 2024, there were no exceedances of the short-term (24-hour) objective for PM₁₀ across Camden's automatic monitoring network, an improvement from the seven exceedances in 2023, and the 16 recorded during 2022. This is the first year that there has not been a recorded exceedance of the short-term PM₁₀ air quality objective in Camden.

Table I. Annual Mean PM_{2.5} Automatic Monitoring Results (µg m⁻³)

Site ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid data capture for monitoring period % ^(a)	Valid data capture 2024 % ^(b)	2018	2019	2020	2021	2022	2023	2024
BL0	530123	182014	Urban Background	-	94%	10	11	9	9	9	8	7
CD1	526629	184391	Kerbside	-	96%	11	11	10	9	12	10	10
CD9	529878	182648	Roadside	-	72%	15	14	11	11	12	9	9
KGX	529831	183250	Urban Background/ Industrial*	-	87%	-	-	-	-	10	8	8

Notes

The annual mean concentrations are presented as µg m⁻³.

Exceedances of the PM_{2.5} annual mean concentration target of 10 µg m⁻³ are shown in **bold**.

All means have been “annualised” in accordance with LLAQM Technical Guidance, if valid data capture is less than 75% and more than 25%.

(a) Data capture for the monitoring period, in cases where monitoring was only carried out for part of the year.

(b) 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%).

Commentary on annual mean PM_{2.5} data from automatic monitoring

Camden's automatic PM_{2.5} monitoring network for 2024 has recorded concentrations in a similar pattern to the PM₁₀ discussed above. PM_{2.5} has reduced at only the BL0 urban background automatic monitoring station in 2024 from the previous year, reducing by just 1 µg/m³ (12.5%). All other sites have recorded similar annual mean PM_{2.5} concentrations to those recorded for 2023, implying a plateau in particulates reductions in Camden.

On a longer timeline, annual mean PM_{2.5} concentrations have reduced on average by 3.3 µg/m³ (26%) across Camden's automatic monitoring network since 2018. 2022 was the first year Camden Council monitored for PM_{2.5} at the Coopers Lane site, meaning that historical data analysis is not yet possible for this site. However, this site has recorded a 2 µg/m³ (20%) reduction in concentrations during this time.

All automatic PM_{2.5} monitoring sites have been compliant with the legal limit of 25 µg/m³ for several years and as of 2024 have continued to achieve the 2030 London Mayoral Objective of 10 µg/m³. Despite this, all four monitoring sites are in exceedance of the WHO's updated 2021 PM_{2.5} guideline of 5 µg/m³. The World Health Organization considers there to be no safe threshold of exposure to PM_{2.5}; therefore, Camden Council will strive to improve air quality throughout the borough to better protect the health of all who live, work and study in Camden.

Figure 4 illustrates the annual mean PM_{2.5} concentrations measured at the four automatic monitoring sites in Camden over the last seven years.

Figure 3. Automatic Monitoring Annual Mean PM_{2.5} Concentration

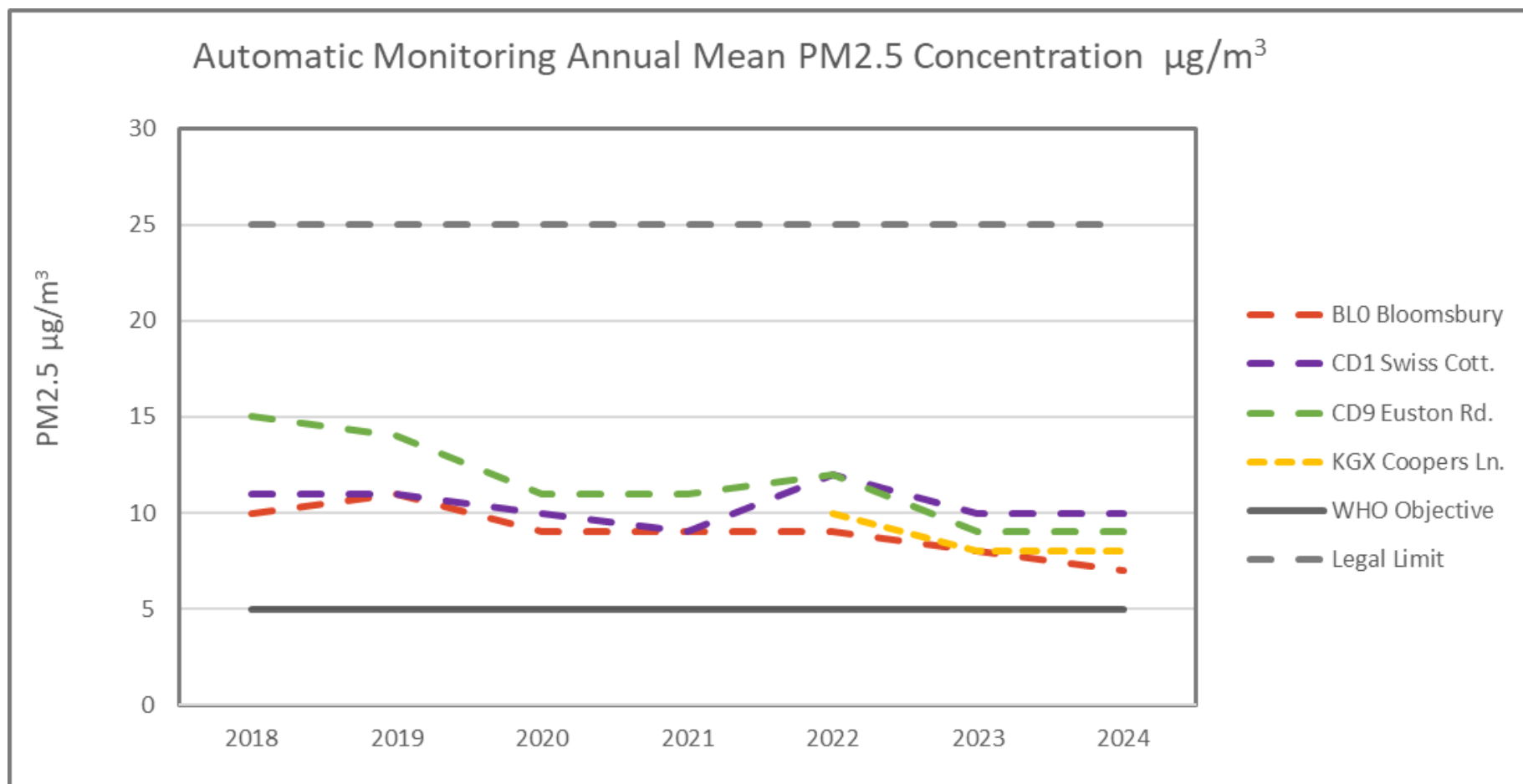


Table J. 2024 SO₂ Automatic Monitoring Results: Comparison with Objectives

Site ID	Valid data capture for monitoring period % ^(a)	Valid data capture 2024 % ^(b)	Number of 15-minute means > 266 µg m ⁻³	Number of 1-hour mean > 350 µg m ⁻³	Number 24-hour mean > 125 µg m ⁻³
BL0	-	84%	0 (no)	0 (no)	0 (no)

Notes

Results are presented as the number of instances where monitored concentrations are greater than the objective concentration.

Exceedances of the SO₂ objectives are shown in **bold** (15-min mean = 35 allowed a year, 1-hour mean = 24 allowed a year, 24-hour mean = 3 allowed a year).

Despite the period of valid data being less than 85%, the relevant percentiles have not been provided in brackets as there were no exceedances of the above mean concentrations.

(a) Data capture for the monitoring period, in cases where monitoring was only carried out for part of the year.

(b) 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%).

Table K. Annual Mean O₃ Automatic Monitoring Results (µg/m³)

Site ID	Valid data capture for monitoring period % ^(a)	Valid data capture 2024 % ^(b)	2018	2019	2020	2021	2022	2023	2024
BL0	-	93%	35	36	45	41	46	54	51

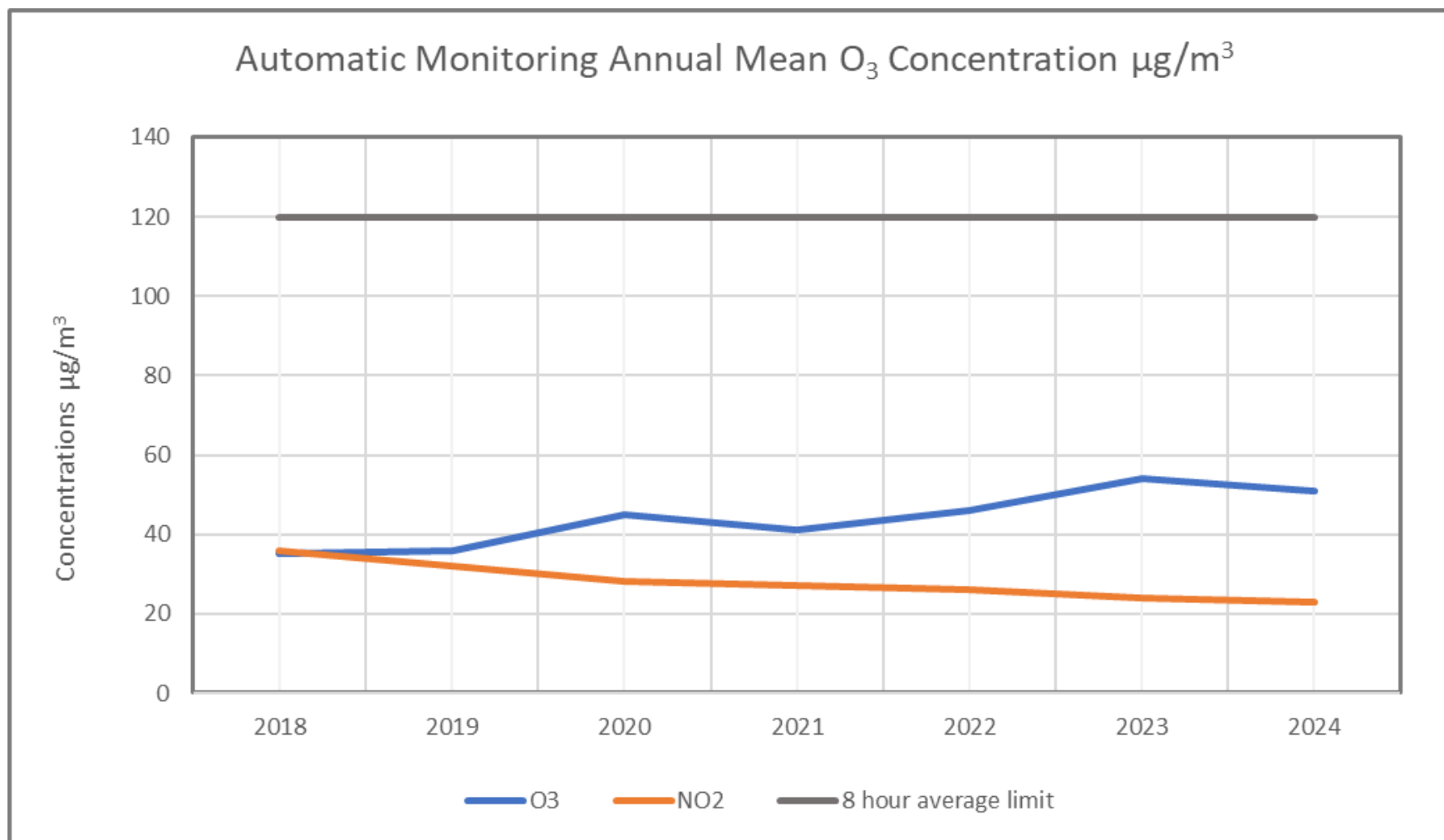
Ozone (O₃) is a gaseous air pollutant which naturally forms at high altitude in the stratosphere where it helps to shield the Earth's surface from ultraviolet (UV) radiation but also forms at ground level as a result of chemical reactions and physical processes within the atmosphere. O₃ is harmful for human health because it is a respiratory irritant, causing issues for the respiratory tract, eyes, nose and throat, and increases the risk of asthma attacks. O₃ is also damaging for the natural environment.

The [2010 Air Quality Standards Regulations](#) has set a target for Local Authorities in which a three-year average of eight-hour mean concentrations of O₃ should not exceed 120 µg/m³ more than 25 times during this period. When published, these regulations were achievable in central London (there were 12 exceedances in 2009-11 in Camden, for example) however, in 2024, the three-year average (2022 - 2024) has exceeded this target average 361 times over the course of 47 days in Camden.

The increase in eight-hour mean O₃ concentrations is not unique to Camden, with urban background concentrations showing significant increase over a thirty-year period across London³. Since the introduction of the ULEZ in 2018, O₃ concentrations have increased at a faster rate than in the preceding years. This is not surprising given that nitric oxides (NO₂) emissions from vehicle tailpipes can inhibit and suppress the formation of O₃ at ground level. Therefore, whilst the ULEZ scheme has reduced roadside NO₂ emissions greatly, this has simultaneously had the negative effect of increasing O₃ concentrations within Camden, as illustrated by Figure 5 below.

³ <https://www.gov.uk/government/statistics/air-quality-statistics/concentrations-of-ozone>

Figure 5. Automatic Monitoring Annual Mean O₃ Concentration



2. Action to Improve Air Quality

2.1 Air Quality Management Areas

A summary of AQMAs declared by London Borough of Camden can be found in **Error! Not a valid bookmark self-reference..** The table presents a description of the AQMA that is currently designated within Camden. Appendix C provides maps of AQMA and the air quality monitoring locations in relation to the AQMA. The air quality objectives pertinent to the current AQMA designation are as follows:

- NO₂ annual mean.
- PM₁₀ 24-hour mean.

Table L. Declared Air Quality Management Areas

AQMA Name	Date of Declaration	Pollutants and Air Quality Objectives	One Line Description	Is air quality in the AQMA influenced by roads controlled by Highways England?	Level of Exceedance: Declaration	Level of Exceedance: Current Year	Number of Years Compliant with Air Quality Objective	Name and Date of AQAP Publication	Web Link to AQAP
Camden AQMA	20/09/2002	<ul style="list-style-type: none"> •NO₂ annual mean •PM₁₀ 24-hour mean 	This AQMA encompasses the entire borough of Camden	NO	<ul style="list-style-type: none"> •NO₂ annual mean: recorded at CD9 (2001): 66 µg/m³ •PM₁₀ 24-hour mean recorded at BL0 (2001): 15 µg/m³ 	<ul style="list-style-type: none"> •NO₂ annual mean: 0 exceedances •PM₁₀ 24-hour mean: 7 exceedances 	NO ₂ annual mean compliance has not yet been achieved across Camden's monitoring network. PM ₁₀ 24-hour mean compliance has been	Camden Clean Air Action Plan 2023-26, published 1 st January 2023	Camden Air Quality Action Plan 2023-26

AQMA Name	Date of Declaration	Pollutants and Air Quality Objectives	One Line Description	Is air quality in the AQMA influenced by roads controlled by Highways England?	Level of Exceedance: Declaration	Level of Exceedance: Current Year	Number of Years Compliant with Air Quality Objective	Name and Date of AQAP Publication	Web Link to AQAP
					and CD1 (2001): 25 µg/m ³		achieved for several years.		

- ☒ London Borough of Camden confirms the information on UK-Air regarding their AQMA(s) is up to date.
- ☒ London Borough of Camden confirms that all current AQAPs have been submitted to GLA.

2.2 Air Quality Action Plan Progress

The Camden Clean Air Action Plan (CAAP) 2023-26 launched in January 2023, with the next update to be issued in January 2027.

Table M provides a summary of London Borough of Camden progress against the current edition of the CAAP, showing progress made in 2024.

Table M. Delivery of Air Quality Action Plan Measures

Measure	LLAQM Action Matrix Theme	Action	Estimated / Actual Completion Date	Organisations Involved	Progress <ul style="list-style-type: none"> Emissions/Concentration data Benefits Negative impacts / Complaints
6	Buildings : Reducing the impact of air pollution from building operation and use (heating, power, and commercial and industrial processes) on public health.	Reduced emissions from building heating systems	Ongoing	- Camden Council Air Quality, Sustainability, Planning, Environmental Health departments.	<ul style="list-style-type: none"> - The Camden Climate Alliance (CCA) had 71 new business join the network during 2024, taking the total number of members up to 526 within the borough. - In 2024, the CCA delivered the Camden and Brent Business Climate Challenge which supported a further 86 businesses through the BCC programme. - The CCA also run the Camden Climate Fund (CCF) which provides up to 50% of costs to reduce carbon and air pollution produced by homes, businesses, and community spaces. In particular, the CCF is aimed at reducing heating demand from gas powered boilers, therefore reducing their associative pollutant emissions. In 2024, £94,000 was approved to support energy efficiency projects. £31,000 was

Measure	LLAQM Action Matrix Theme	Action	Estimated / Actual Completion Date	Organisations Involved	Progress <ul style="list-style-type: none"> Emissions/Concentration data Benefits Negative impacts / Complaints
					also approved through the CCF Household grants scheme to support energy efficiency projects across Camden's private sector homes.
17	Communities and schools: Supporting and empowering communities and schools to reduce and avoid exposure to air pollution	Reduced exposure outside schools and support schools in protecting child health whilst at school	Ongoing	<ul style="list-style-type: none"> Camden Council Air Quality, Transport Strategy, Education departments. Local Schools 	<ul style="list-style-type: none"> Camden continues to roll out the programme of Healthy School Streets, with 35 schools in the borough now covered by timed motor vehicle restrictions. In 2024, two schemes were made permanent, with a further three under assessment. Following a successful application for Defra Air Quality Grant Funding, Camden Council has launched the 'Clean Air for Schools' project, an air quality engagement campaign for schools, that will protect the health of children through increasing knowledge and raising awareness. The project will focus on holding events, assemblies and workshops during the September 2024 - July 2025 academic year. The Idling Action London project, a consortium project in which Camden is a lead borough, launched a radio information campaign in late 2024. These provided information on the need to protect children and young people from the damaging health impacts of vehicle engine idling

Measure	LLAQM Action Matrix Theme	Action	Estimated / Actual Completion Date	Organisations Involved	Progress <ul style="list-style-type: none"> Emissions/Concentration data Benefits Negative impacts / Complaints
					<p>whilst challenging all drivers to stop unnecessary engine idling.</p> <ul style="list-style-type: none"> The Air Quality team ran an activity about the link between air pollution and asthma at two group asthma sessions, run by the school asthma nursing service, engaging 22 young people and 10 adults.
34	<u>Indoor air pollution and occupational exposure:</u> Raising awareness about the causes and impact of poor indoor air quality and workplace air pollution exposure	Reduced indoor pollution exposure in homes in Camden	Ongoing	<ul style="list-style-type: none"> Camden Council Air Quality, Sustainability, Housing departments. 	<ul style="list-style-type: none"> In 2024, 15 residents participated in Camden's Indoor Air Quality Monitor Loan Scheme, where they had the opportunity to learn about the sources of pollutants in their home and the different ways they can reduce their exposure. The Camden Household Air Monitoring Project (CHAMP) concluded in 2024. The project was due to be expanded upon successful awarding of Defra Air Quality grant funding however, this was subsequently withdrawn.
1	<u>Construction and development:</u> Reducing the impact of air pollution from construction and development on public health.	Reduced emissions from non-road mobile machinery (NRMM)	Ongoing	<ul style="list-style-type: none"> Camden Council Air Quality, Sustainability, Planning, Environmental Health departments. 	<ul style="list-style-type: none"> Camden Council continues to participate in the LB Merton-led Cleaner Construction for London NRMM enforcement project. Camden's Construction Management Plan (CMP) pro-forma has been amended to reflect the forthcoming NRMM requirement updates.

Measure	LLAQM Action Matrix Theme	Action	Estimated / Actual Completion Date	Organisations Involved	Progress <ul style="list-style-type: none"> Emissions/Concentration data Benefits Negative impacts / Complaints
					- Camden's NRMM planning guidance was also updated ahead of the new 2025 standards (minimum Stage IV for all Greater London, Stage V for generators).
2		Reduced emissions from construction generators	Ongoing	<ul style="list-style-type: none"> Camden Council Air Quality, Environmental Health departments. LB Merton Cleaner Construction for London (NRMM) 	- In 2024, there were there were audits of 18 construction sites in Camden to assess NRMM (including generator) standard compliance. 100% of these sites were found to be compliant.
3		Reduced emissions from construction and demolition processes	Ongoing	<ul style="list-style-type: none"> Camden Council Air Quality, Planning, Environmental Health departments. 	- During 2024, Camden's Air Quality Planning Officer reviewed 100 CMPs from 61 separate applications with the majority of these requiring Air Quality Assessments to be reviewed and commented on.
4		Reduced emissions from road vehicles servicing construction sites	Ongoing	<ul style="list-style-type: none"> Camden Council Air Quality, Planning, Environmental Health departments. 	- Every CMP received is reviewed to ensure the minimum number of construction site delivery vehicles are used to service the development.
5		Reduced impacts of HS2 and other major development or infrastructure projects	Ongoing	<ul style="list-style-type: none"> Camden Council Air Quality, HS2, Environmental Health departments. 	- Camden's Air Quality officers attend multiple monthly and quarterly environmental meetings with HS2 where upcoming works, site updates, and

Measure	LLAQM Action Matrix Theme	Action	Estimated / Actual Completion Date	Organisations Involved	Progress <ul style="list-style-type: none"> Emissions/Concentration data Benefits Negative impacts / Complaints
				- HS2	<p>complaints received are discussed and resolved.</p> <p>- The pause of HS2 works at Euston for much of 2024 has limited the impact of construction on the area during this period.</p>
7	Buildings : Reducing the impact of air pollution from building operation and use (heating, power, and commercial and industrial processes) on public health.	Reduced emissions from backup diesel generators	Ongoing	- Camden Council Air Quality, Planning, Housing departments.	- During 2024, Camden officers from the Air Quality, Sustainability, and Planning teams held internal discussions as to how new or amended policy could be utilised to reduce and monitor emissions from backup diesel generators. This will be fed into the new Camden Local Plan (public consultation to be launched in 2025).
8		Reduced emissions from commercial cooking	Ongoing	- Camden Council Air Quality, Environmental Health departments.	<p>- As part of a consortium bid, Camden applied for Defra Air Quality Grant Funding to undertake a research project to assess the impact of commercial cooking on ambient air quality and occupational exposure.</p> <p>- Camden's Air Quality team commenced work to update and expand the Camden Smoke Control Order.</p>
9		Reduced emissions from wood burning	Ongoing	- Camden Council Air Quality, Planning, departments.	- The London Wood Burning Project (LWBP) gained two new member boroughs.

Measure	LLAQM Action Matrix Theme	Action	Estimated / Actual Completion Date	Organisations Involved	Progress <ul style="list-style-type: none"> Emissions/Concentration data Benefits Negative impacts / Complaints
				<ul style="list-style-type: none"> LWBP member boroughs 	<ul style="list-style-type: none"> The LWBP was awarded £91,000 of funding from the Mayor's Air Quality Fund to provide Clean Air Act enforcement training and run an awareness campaign from 2024-2027 <ul style="list-style-type: none"> Clean Air Act enforcement training was attended by nine Council officers. Letters to inform residents about the Clean Air Act 1993 and health harms of solid fuel burning were sent to 180 households in the borough. The awareness raising aspect of the LWBP in 2024 delivered: <ul style="list-style-type: none"> 4.5m impacts from radio, 2.6m of which (59%) was from the ABC1 target group 78 bus rears advertisements 106k impressions on Meta platforms 1.8m impressions via Google Ads
10	Transport : Reducing the impact of air pollution from transport on public health	Reduced emissions from Camden's vehicle fleet	Ongoing	<ul style="list-style-type: none"> Camden Council Air Quality, CATS, Transport Strategy, Procurement departments. 	<ul style="list-style-type: none"> As of the end of 2024, 99% of Camden Council's vehicle fleet was ULEZ compliant, with the three remaining non-compliant vehicles to be removed from the fleet in early 2025. 14% of the fleet is electrically powered. This is broken down in section 4.1 of this report.

Measure	LLAQM Action Matrix Theme	Action	Estimated / Actual Completion Date	Organisations Involved	Progress <ul style="list-style-type: none"> Emissions/Concentration data Benefits Negative impacts / Complaints
11		Reduced emissions from road vehicles	Ongoing	<ul style="list-style-type: none"> Camden Council Air Quality, CATS, Sustainability, Transport Strategy, departments. 	<ul style="list-style-type: none"> Camden's Sustainability, Air Quality & Energy Management Team and Transport Strategy Service work collaboratively across a range of policy and project areas covered by Camden's Clean Air Action Plan 2023-26, Climate Action Plan 2020-2025, and Transport Strategy 2019-2041. All plans have overlapping and mutually supportive policies. In 2024, Camden launched the 'Cleaner Fairer Parking' policy with the aim to discourage inessential use and ownership of motor vehicles. This will ensure there is parking for those that need it most whilst encouraging sustainable travel within the borough. The policy also includes an 'air quality surcharge' for older petrol and diesel vehicles. Camden continues to roll out the programme of Healthy School Streets, with approximately 35 schools in the borough now covered by timed motor vehicle restrictions. In 2024, two schemes were made permanent, with a further three under a feasibility assessment. Camden's Transport Strategy team carried out urban/street greening and

Measure	LLAQM Action Matrix Theme	Action	Estimated / Actual Completion Date	Organisations Involved	Progress <ul style="list-style-type: none"> Emissions/Concentration data Benefits Negative impacts / Complaints
					<p>pedestrianisation road closure trials in several locations during 2024.</p> <ul style="list-style-type: none"> - In 2024, Camden launched the 'Pedal Your Parcel' scheme, which has seen two businesses within the borough switch from van use to cargo bikes. - Camden also launched the 'Try Before You Bike' scheme in August 2024, which allows people who live, work, and study in Camden can borrow a bike for up to three months for a small monthly fee. Six pedal bikes and three cargo bikes were subsequently loaned out to residents. - Camden's cargo bike share scheme has been set up in four locations across the borough. Since August 2024, 42 rides had taken place, totalling 95 hours of use.
12		Reduced emissions from vehicle engine idling	Ongoing	<ul style="list-style-type: none"> - Camden Council Air Quality, Planning, departments. 	<ul style="list-style-type: none"> - Camden co-led a consortium of 21 local authorities to submit a bid for another iteration of the MAQF Idling Action London Project. The bid was successful and secured a grant of £234,000 to implement a further round of the Idling Action London Project. This will run from April 2024 to March 2027 and will be match-funded by an additional £234,000 from the

Measure	LLAQM Action Matrix Theme	Action	Estimated / Actual Completion Date	Organisations Involved	Progress <ul style="list-style-type: none"> Emissions/Concentration data Benefits Negative impacts / Complaints
					<p>participating local authorities in the Idling Action London Project.</p> <ul style="list-style-type: none"> Ahead of its wider rollout in 2025, the Idling Action London Project was launched with a radio advertisement campaign, with anti-idling messages targeted at drivers of petrol and diesel-powered vehicles. The radio messages urged drivers to consider the health of everyone, especially vulnerable children with asthma, by switching off their engines when their vehicles are stationary. The Idling Action radio ads targeted individuals in the London area who are 15 years old and above. Planned impacts for radio ads in 2024 were estimated at 2,395,172 impacts. The ad campaign achieved 2,625,270 impacts representing a performance of 110%.
13		Reduced emissions from deliveries, servicing, and freight	Ongoing	<ul style="list-style-type: none"> Camden Council Air Quality, CATS, Sustainability, Transport Strategy, Procurement departments. 	<ul style="list-style-type: none"> In March 2024 Camden consulted on a new Freight & Servicing Action Plan (FSAP) for the Borough, which was adopted following that consultation in the summer. In 2024, Camden launched the 'Pedal Your Parcel' scheme, which has seen two

Measure	LLAQM Action Matrix Theme	Action	Estimated / Actual Completion Date	Organisations Involved	Progress <ul style="list-style-type: none"> Emissions/Concentration data Benefits Negative impacts / Complaints
					businesses within the borough switch from van use to cargo bikes.
14		Reduced emissions from rail	Ongoing	<ul style="list-style-type: none"> Camden Council Air Quality department. Rail Safety and Standards Board RSSB 	<ul style="list-style-type: none"> In 2024, members of Camden's Air Quality Team held a meeting with the Rail Safety and Standards Board (RSSB) to raise the profile of rail's impact on air quality, particularly at the Euston, King's Cross, and St. Pancras stations in the borough.
15	Communities and schools: Supporting and empowering communities and schools to reduce and avoid exposure to air pollution	Interventions are targeted to tackle the inequitable impact of air pollution on vulnerable communities and those disproportionately impacted by air pollution	Ongoing	<ul style="list-style-type: none"> Camden Council Air Quality, Sustainability, Transport Strategy, Education departments. Local Schools 	<ul style="list-style-type: none"> In 2024, Camden's Air Quality Team ran or supported multiple community-based events and workshops, and hosted events for members of the public on Clean Air Day. In 2024, Camden launched the Clean Air for Schools programme Have Your Say Today - The Year Of Clean Air For Camden Schools - Commonplace., which delivered 22 events, engaging 1877 young people and 210 adults. In 2024, 15 residents participated in Camden's Indoor Air Quality Monitor Loan Scheme, where they had the opportunity to learn about the sources of pollutants in their home and the different ways they can reduce their exposure.

Measure	LLAQM Action Matrix Theme	Action	Estimated / Actual Completion Date	Organisations Involved	Progress <ul style="list-style-type: none"> Emissions/Concentration data Benefits Negative impacts / Complaints
					<ul style="list-style-type: none"> MAQF Clean Air for Camden funding directly looks to tackle health inequalities. Working with NHS and public health partners, the project seeks to build public awareness and knowledge whilst enhancing access to air quality monitoring information and guidance for reducing exposure and health risk.
16		Communities are empowered to take action locally	Ongoing	<ul style="list-style-type: none"> Camden Council Air Quality, Transport Strategy, Education departments. Community groups Think & Do Somers Town Future Neighbourhoods 2030 	<ul style="list-style-type: none"> Camden's Air Quality team maintained its efforts in the 'Somers Town Future Neighbourhoods 2030' project by attending multiple partner meetings and learning-workshops. The focus in 2024 has been establishing a lasting air quality legacy in the area after the conclusion of the wider Project. Supported Hampstead Group Practice with a pilot for a group asthma clinic session, where young people with severe asthma and their families were invited to collectively learn about asthma management including protecting health by reducing exposure to air pollution at home and outdoors. Following the successful application for MAQF funding for the 'Clean Air for

Measure	LLAQM Action Matrix Theme	Action	Estimated / Actual Completion Date	Organisations Involved	Progress <ul style="list-style-type: none"> Emissions/Concentration data Benefits Negative impacts / Complaints
					Camden – Citizen Science and Community AQ’ began engaging with community groups to promote the Project.
18		Reduced exposure outside hospitals and health centres	Ongoing	<ul style="list-style-type: none"> Camden Council Air Quality, Public Health departments. Local healthcare professionals Hospitals (e.g. GOSH) 	<ul style="list-style-type: none"> Camden co-led a consortium of 21 local authorities to submit a bid for another iteration of the MAQF Idling Action London Project in January 2024. The bid was successful and secured a grant of £234,000 to implement another round of the Idling Action London Project. This project kicked off in April 2024 and will run until March 2027. The project will be match-funded by an additional £234,000 from the 21 participating local authorities.
19		Reduced emissions from events and filming	Ongoing	<ul style="list-style-type: none"> Camden Council Air Quality department. FilmFixer. GLA (Mayor of London). 	<ul style="list-style-type: none"> In 2024, the Mayor of London’s Air Quality Fund sponsored ‘Cleaner Filming for Camden’ project launched; a project targeting reducing film production emissions within the borough. This project launched in the summer 2024, and will continue until 2027. In 2024, Camden’s film production permitting process was updated to include environmentally focused questions for applicants to provide information for which can then be used to assess the impact of filming on ambient air quality.

Measure	LLAQM Action Matrix Theme	Action	Estimated / Actual Completion Date	Organisations Involved	Progress <ul style="list-style-type: none"> Emissions/Concentration data Benefits Negative impacts / Complaints
20		Reduced emissions from ice cream vans	Ongoing	<ul style="list-style-type: none"> Camden Council Air Quality, Licensing, Markets departments. Defra. Local ice cream vendors. 	<ul style="list-style-type: none"> In 2024, Camden Council operated seven licensed emissions-free ice cream trading bays in several of the borough's most popular locations. Traders at these locations were either operating via the use of mains electrical connections or battery power, eliminating the need for diesel engine idling. <ul style="list-style-type: none"> The licensing of these trading locations, and the project will continue into 2025.
21		Reduced emissions from street food vending	Ongoing	<ul style="list-style-type: none"> Camden Council Air Quality, Licensing, Markets departments. Local street food vendors. 	<ul style="list-style-type: none"> In 2024, Camden's Air Quality and Markets teams worked together to update licensing conditions to mitigate street food-based emissions, and to positively engage with vendors.
22		Reduced emissions from canal boats, and support the boating community to protect boater health and the health of canal-side neighbours	Ongoing	<ul style="list-style-type: none"> Camden Council Air Quality department. Other London local authorities Canal River Trust Port of London Authority GLA (Mayor of London) 	<ul style="list-style-type: none"> In 2024 Camden, as part of a consortium bid, were awarded Mayor's Air Quality Funding to create the 'Healthy Waterways London' project, jointly led by Camden, Hackney and Newham and with eight other local authorities, the Canal & River Trust and the Port of London Authority also participating. The project commenced in 2024 with establishing the programme of work, appointing consultants for boater surveys and engagement, and a site visit to the Camden Electric Moorings.

Measure	LLAQM Action Matrix Theme	Action	Estimated / Actual Completion Date	Organisations Involved	Progress <ul style="list-style-type: none"> Emissions/Concentration data Benefits Negative impacts / Complaints
					<ul style="list-style-type: none"> Camden officers have started work to update the boroughs' smoke control order to include moored vessels within its scope. This will be launched in 2025, following a public consultation. In 2024, Camden's -eco-moorings' (electrical connection points for canal boats) were utilised for a total of 3,834 kilowatt hours (kWh).
23		Reduced emissions from leaf blowers and grounds maintenance	Ongoing	<ul style="list-style-type: none"> Camden Council Air Quality, Housing, Procurement departments. 	<ul style="list-style-type: none"> It is standard practice for Camden Council to review all procurement exercises for opportunities to reduce its impact on the local environment.
24		Reduced emissions from other sources of outdoor air pollution	Ongoing	<ul style="list-style-type: none"> Camden Council Air Quality department. 	<ul style="list-style-type: none"> Camden's Air Quality Team routinely review new research and information regarding air quality. When appropriate, this knowledge and/or evidence is shared with members of the public and other relevant stakeholders. Information letters about the health harms and rules around outdoor burning have been sent to 226 households in the borough following complaints about residential outdoor burning.

Measure	LLAQM Action Matrix Theme	Action	Estimated / Actual Completion Date	Organisations Involved	Progress <ul style="list-style-type: none"> Emissions/Concentration data Benefits Negative impacts / Complaints
25	Indirect emissions and lobbying : Leading by example, working with others, and advocating for greater action on air quality and health	Camden councillors, staff and senior management understand the importance of air quality for public health	Ongoing	<ul style="list-style-type: none"> Camden Council Air Quality, Sustainability departments. Camden Councillors Local healthcare professionals. 	<ul style="list-style-type: none"> Camden Council launched 'lunchtime learning' environmental awareness training for its officers in 2024. The Clean Air for Camden Schools launch-event was held in June 2024 and was attended by internal and external parties. Attendees from Camden Council represented the Sustainability and Air Quality Team, the Camden Climate Alliance, the Health Improvement Team, the Transport Team, and Camden Learning, plus seven external community partners, including the NHS. In 2024, multiple Camden officers and councillors utilised the air quality sensor loan scheme. 54 Camden councillors and officers are subscribed to the Clean Air for Camden newsletter Over the course of 2024, Camden's Air Quality team have given both internal and external presentations and taken cabinet briefings.
26		Reduced indirect emissions through procurement	Ongoing	<ul style="list-style-type: none"> Camden Council Air Quality, CATS, 	<ul style="list-style-type: none"> Camden officers continue to assess the environmental implications of proposed

Measure	LLAQM Action Matrix Theme	Action	Estimated / Actual Completion Date	Organisations Involved	Progress <ul style="list-style-type: none"> Emissions/Concentration data Benefits Negative impacts / Complaints
				Procurement departments.	procurement contracts to ensure minimal impact from Council activities.
27		We use our platform to encourage other local authorities, public and private sector stakeholders to take action on air pollution	Ongoing	<ul style="list-style-type: none"> Camden Council Air Quality, Sustainability, Transport Strategy departments. Other London local authorities 	<ul style="list-style-type: none"> Six issues of the Clean Air for Camden newsletter were published in 2024, delivering information on air quality projects and actions to 755 subscribers. Officers from Camden, Brent, and Westminster have been working together to deliver the 'One Kilburn' project, to deliver environmental and societal improvements to the Kilburn ward and its residents. In 2024 Camden, as part of two consortium bids, were awarded Mayor's Air Quality Funding for projects to extend the London Wood Burning Project, and to develop the 'Healthy Waterways London' project. Camden's Air Quality Team regularly meets with other local authorities to share knowledge and discuss opportunities for improving London's air quality. Camden continued to build partnerships with other local authorities, academic institutions, campaigning organisations, the NHS, and other stakeholders engaged

Measure	LLAQM Action Matrix Theme	Action	Estimated / Actual Completion Date	Organisations Involved	Progress <ul style="list-style-type: none"> Emissions/Concentration data Benefits Negative impacts / Complaints
					in air quality related policy creation and advocacy.
28		We work with other local authorities, external stakeholders, and other levels of government in the UK and internationally on air quality policy and projects	Ongoing	<ul style="list-style-type: none"> Camden Council Air Quality, Sustainability departments. London local authorities. GLA (Mayor of London). Defra. 	<ul style="list-style-type: none"> See above.
29		We actively lobby for action on air quality and health	Ongoing	<ul style="list-style-type: none"> Camden Council Air Quality, Sustainability departments. Camden Councillors. 	<ul style="list-style-type: none"> In partnership with Great Ormond Street Hospital and Global Action Plan, Camden held the 'Cleaner Air, Healthier Lives Summit' on Clean Air Day 2024 to highlight the urgent need for more action to tackle air pollution from the healthcare sector in partnership with local authorities, and showcased some of the successes and case studies for action taken in different parts of the NHS to improve air quality and protect health. The Air Quality team actively engages and supports efforts from the central government, the GLA, and other local authorities to explore ways of improving air quality policy, engagement, and data analysis.

Measure	LLAQM Action Matrix Theme	Action	Estimated / Actual Completion Date	Organisations Involved	Progress <ul style="list-style-type: none"> Emissions/Concentration data Benefits Negative impacts / Complaints
30	Public health and awareness : Helping everyone to be aware of the importance of clean air and the roles we all have in protecting health	Increased public awareness about health impacts associated with air pollution	Ongoing	- Camden Council Air Quality, Sustainability departments.	<ul style="list-style-type: none"> - Camden's Air Quality Team continues to routinely issue public communications and updates. This includes the Clean Air Newsletter, airTEXT alerts, air pollution alerts, and general communications. - Camden's Air Quality team participated in multiple engagement events in 2024, including a workshop on indoor air quality at the British Library, and an air quality walk with Kilburn Elderly Voices Exchange. The team also attended the National Air Quality Conference in November. - Camden supported Hampstead Group Practice with a pilot for a group asthma clinic session, where young people with severe asthma and their families were invited to collectively learn about asthma management including protecting health by reducing exposure to air pollution at home and outdoors. - Camden worked with Great Ormond Street Hospital and the Royal College of Paediatrics and General Practitioners to create a learning module to support healthcare professionals speak with patients about air quality and health. This included four short videos demonstrating how air quality could sensitively be

Measure	LLAQM Action Matrix Theme	Action	Estimated / Actual Completion Date	Organisations Involved	Progress <ul style="list-style-type: none"> Emissions/Concentration data <ul style="list-style-type: none"> Benefits Negative impacts / Complaints
					<p>introduced into a patient consultation. The resources will be published in 2025 on the RCPCH Air Pollution Companion webpages.</p> <ul style="list-style-type: none"> - Following the successful application for MAQF funding (Clean Air for Camden – Citizen Science and Community AQ), Camden's Air Quality team were able to look at expanding the Indoor Air Quality Monitor Loan Service by purchasing more equipment. - In 2024, Camden ran the Clean Air for Schools assembly programme. This included seven assemblies at individual schools, with 1680 young people and 34 adults engaged.
31		Increased air quality monitoring coverage and public access and ownership of data	Ongoing	<ul style="list-style-type: none"> - Camden Council Air Quality, Data Management departments. 	<ul style="list-style-type: none"> - In 2024, 55 additional diffusion tubes monitoring sites were installed across Camden, bringing the total number of active monitoring sites to 321 by the end of the year. This will be expanded further in 2025 - Camden's Air Quality team also completed a procurement exercise to select a supplier for a new comprehensive automatic air quality monitoring station, to be installed in

Measure	LLAQM Action Matrix Theme	Action	Estimated / Actual Completion Date	Organisations Involved	Progress <ul style="list-style-type: none"> Emissions/Concentration data Benefits Negative impacts / Complaints
					the Kilburn town centre. This will be delivered in 2025.
32		Camden's air quality programme is directly related to the core objective of protecting and improving public health and the We Make Camden vision	Ongoing	- Camden Council Air Quality department.	<ul style="list-style-type: none"> Camden's Air Quality Team assesses both public health and air quality data when decision making. This includes when providing policy recommendations for colleagues and councillors, designing future projects, assessing development proposals, and responding to public enquiries. Through the London Wood Burning Project, Camden has been able evaluate the public health impact and the economic and healthcare costs wood burning has on society.
33		Camden and external partners in healthcare and social care work collaboratively to tackle the impact of AQ on health		<ul style="list-style-type: none"> Camden Council Air Quality department. Local healthcare professionals. 	<ul style="list-style-type: none"> Camden's Air Quality officers regularly meet with hospitals and healthcare practitioners to establish links with primary care providers and raise awareness within the medical community of air pollution as a public health risk. Camden worked with Great Ormond Street Hospital and the Royal College of Paediatrics and General Practitioners to create a learning module to allow healthcare professionals to speak with patients about air quality and health. This

Measure	LLAQM Action Matrix Theme	Action	Estimated / Actual Completion Date	Organisations Involved	Progress <ul style="list-style-type: none"> Emissions/Concentration data Benefits Negative impacts / Complaints
					included four short videos demonstrating how air quality could sensitively be introduced into a patient consultation. The resources will be published in 2025 on the RCPCH Air Pollution Companion webpages.
35	Indoor air pollution and occupational exposure: Raising awareness about the causes and impact of poor indoor air quality and workplace air pollution exposure	Reduced indoor pollution exposure in schools in Camden	Ongoing	<ul style="list-style-type: none"> Camden Council Air Quality department. Local schools. 	<ul style="list-style-type: none"> Camden's Clean Air for Schools project focused predominantly on awareness raising activities surrounding indoor air pollution, educating students and teachers about the sources of pollution within the home and how these can be mitigated against. This included 22 events, which engaged 1877 young people and 210 adults.
36		Reduced occupational exposure to air pollution in Camden	Ongoing	<ul style="list-style-type: none"> Camden Council Air Quality department. 	<ul style="list-style-type: none"> In 2024, Camden's Air Quality Team hosted and attended multiple public events to raise awareness of indoor air quality and to provide information and advice about how Camden residents can help to reduce indoor air pollution exposure at home.

3. Planning Update and Other New Sources of Emissions

Table N. Planning requirements met by planning applications in London Borough of Camden in 2024

Condition	Number
Number of planning applications where an air quality impact assessment was reviewed for air quality impacts	46
Number of planning applications required to undertake construction dust monitoring and reporting (Please specify how you get access to dust monitoring data i.e. online tool or CSV file)	22 – Monthly monitoring reports are submitted to Camden by the applicants.
Number of CHPs/Biomass boilers refused on air quality grounds	N/A – no applications were directly refused on this basis. Does not include proposals requested to remove CHP prior to decision following consultation, as per Camden practice
Number of CHPs/Biomass boilers subject to GLA emissions limits and/or other restrictions to reduce emissions as detailed in Air Quality Neutral LPG (london.gov.uk) point 3.1.5.	N/A – no applications were directly refused on this basis. Does not include proposals requested to remove CHP prior to decision following consultation, as per Camden practice
Number of developments required to install Ultra-Low NO _x boilers	This is required through policy compliance 4.15 from Camden's Planning Guidance: Air Quality
Number of developments where an AQ Neutral building and/or transport assessments undertaken	56
Number of developments where the AQ Neutral building and/or transport assessments not meeting the benchmark and so required to include additional mitigation	N/A
Number of planning applications with S106 agreements including other requirements to improve air quality	Not current practice at Camden
Number of planning applications with CIL payments that include a contribution to improve air quality	Not current practice at Camden
NRMM: Central Activity Zone, Canary Wharf and Opportunity Areas Number of planning applications with conditions related to NRMM included. Number of developments registered at www.nrmm.london . Number of audits (based on the pan-London project report and / or inhouse auditing programme) % of sites unregistered prior to audit % of sites compliant with Stage IV of the Directive and/or exemptions to the policy.	Five sites inside the CAZ newly registered on Non-Road Mobile Machinery (NRMM) London City Hall in 2024. Seven sites inside the CAZ area were audited during 2024 through the NRMM compliance project (Cleaner Construction for London). All sites were compliant after being audited. Camden's CMP pro forma contains a requirement for sites to ensure NRMM is compliant and registered. Conditions

Condition	Number
	<p>relating to NRMM compliance are included in decision notices for many applications, however the total number of conditions for planning permissions granted in 2024 is not currently retrievable.</p> <p>Camden's Sustainability team is working with the Council's Planning service to ensure NRMM conditions are applied routinely, with up-to-date wording as provided by LB Merton's Cleaner Construction for London project coordinator.</p>
<p>NRMM: Greater London (excluding Central Activity Zone, Canary Wharf and Opportunity Areas)</p> <p>Number of planning applications with conditions related to NRMM included.</p> <p>Number of developments registered at www.nrmm.london.</p> <p>Number of audits (based on the pan-London project report and / or inhouse auditing programme)% of sites unregistered prior to audit</p> <p>% of sites compliant with</p> <p>Stage IIIB of the Directive and/or exemptions to the policy.</p>	<p>Nine sites outside of the CAZ in Camden were newly registered on Non-Road Mobile Machinery (NRMM) London City Hall in 2024.</p> <p>11 sites outside of the CAZ area were audited during 2024 through the NRMM compliance project (Cleaner Construction for London). Nine of these sites were found to be self-compliant, and two sites were compliant following auditing.</p> <p>Camden's CMP pro forma contains a requirement for sites to ensure NRMM is compliant and registered. Conditions relating to NRMM compliance are included in decision notices for many applications, however the total number of conditions for planning permissions granted in 2024 is not currently retrievable.</p> <p>Camden's Sustainability team is working with the Council's Planning service to ensure NRMM conditions are applied routinely, with up-to-date wording as provided by LB Merton's Cleaner Construction for London project coordinator.</p>

3.1 New or significantly changed industrial or other sources

No new or significantly changed sources identified.

4. Additional Activities to Improve Air Quality

4.1 London Borough of Camden Fleet

Table O outlines the breakdown of Camden Council's fleet into five fuel type categories. The number of electric vehicles within Camden's fleet has risen by 488% (from eight) since the end of 2018, reflecting the impact of Camden's recent Clean Air Action Plans. As of the end of 2024, electric cars and vans comprise 14% of Camden's fleet with 47 vehicles, whilst hybrids account for 3% with ten vehicles. More than 99% of Camden's diesel, petrol and CNG vehicles are ULEZ-compliant.

Table O. London Borough of Camden vehicle fleet composition

Fleet figures on 31/12/24	Fuel type					
Vehicle type	Electric	Hybrid	Diesel	Petrol	CNG (Biomethane)	Total
Car	8	10	0	0	0	18
Van	38	0	183	23	15	259
Large van	0	0	12	0	2	14
PSV	0	0	17	0	12	29
Specialist	0	0	0	0	0	0
Cherry picker	0	0	1	0	1	2
Gully	0	0	0	0	0	0
Jetter	0	0	2	0	0	2
Tipper	1	0	6	0	0	7
Total	47	10	221	23	30	331
% Of fleet	14.20%	3.02%	66.77%	6.95%	9.06%	100%

4.2 Camden Council's process for reviewing air quality through the planning system

Pre-planning and planning application stage

Camden's Sustainability Planning Team is a statutory consultee, with officers required to review planning applications from an air quality, energy/carbon, and flood risk/LLFA perspective, and work closely with the Air Quality Programme Manager, the Air Quality Planning Officer, and the Council's Planning service to ensure that all relevant planning applications are reviewed, and conditions are applied and enforced. It is nevertheless viewed that there is continual opportunity for process improvement, both in terms of tightening controls and data collection, so that Camden can ensure future development is more sustainable and is undertaken in a way that offers greater protections to air quality, public health, and amenity.

During 2024, the 'Air Quality (Planning) Officer' position in the Sustainability department of Camden Council was extended by a further three years and will run until October 2027 at a minimum. This role was created to aid and improve the process of reviewing planning applications and Section 106 legal agreement performance from developments in the borough.

Post-approval and ongoing compliance

Camden's air quality officers work closely with the Planning service (Planning Obligations and Planning Enforcement officers, in particular) as well as Environmental Health, Transport, Highways and Parking to ensure all applicable approved developments provide a Demolition Management Plan (DMP) and/or a Construction Management Plan (CMP). This is mandated through Section 106 (S106) Legal Agreements. CMPs and DMPs are aligned with a pro forma template which covers several issues including air quality and dust management during on-site activities for any new development or refurbishment.

Officers review and provide feedback on DMPs/CMPs and any unsatisfactory consideration of air quality and dust impacts on the part of the contractor or developer will lead to rejection and the need to submit a revised plan. The CMP/DMP covers the following air quality considerations:

- Preventative and reactive dust mitigation including prevention of resuspension of particulates from dust and debris tracked onto the public highway.
- Real-time dust monitoring and reporting, based upon the dust risk classification from an Air Quality Dust Risk Assessment (AQDRA). In line with the Mayor of London's ['Control of dust and emissions during construction and demolition' SPG](#), any medium or high-risk sites are required to use real-time MCERTS-indicative dust monitors and to produce monthly reports for Camden Council to review. Camden has made it policy for all dust reports and data to be publicly accessible for all applicable sites.
- Adherence to the GLA dust mitigation checklist.
- Adherence to NRMM conditions and registration of the site on the London NRMM Register.
- Avoidance of vehicle engine idling.

Through Camden's participation in the MAQF-funded NRMM compliance project, all major construction sites in the borough are eligible for NRMM compliance audits. Camden's Air Quality Team coordinates with LB Merton's Project Coordinator to ensure an up-to-date list of major sites is provided.

Where sites in Camden are found to be non-compliant in terms of NRMM standards, real-time dust (PM10) monitoring or reporting, or management of air quality impacts in general, the first step is to engage directly with the site to convey the importance of compliance and improved performance. Failing this, the case will be passed to Camden's Planning Enforcement team (through liaison with the Construction Management Forum comprising officers from various Council departments) for further action. This usually involves an enforcement case being opened and a formal warning being issued. Continued failure to meet conditions or comply with CMP or S106 requirements would lead to an injunction being sought, though this stage was not required for any site during 2024.

4.3 Pan-London NRMM Auditing Project

London Borough of Camden participated in the LB Merton-led Cleaner Construction for London NRMM enforcement project during 2024 and will continue to do so in 2025.

Camden Council enforces NRMM compliance through the Construction Management Plan (CMP) process. All applicants who have submitted a CMP are required to answer the following questions regarding NRMM for their proposed development:

Figure 6. Camden's CMP NRMM questions:

All Non-Road Mobile Machinery (NRMM) of net power of 37kW and up to and including 560kW used during the course of the demolition, site preparation and construction phases shall comply with the emission standards set out in chapter 7 of the GLA's supplementary planning guidance "Control of Dust and Emissions During Construction and Demolition" (SPG), or subsequent guidance. Unless it complies with the standards set out in the SPG, no NRMM shall be on site, at any time, whether in use or not, without the prior written consent of Camden Council. The developer shall keep an up-to-date list of all NRMM used during the demolition, site preparation and construction phases of the development on the online register at:

<https://www.london.gov.uk/what-we-do/environment/pollution-and-air-quality/nrmm>

Direct link to NRMM Practical Guide (V6):

<https://www.london.gov.uk/sites/default/files/2024-05/NRMM-Practical-Guide-Accessible-May2024.pdf>

Current requirements

(i) Any development within Greater London – NRMM used on the site of any major development will be required to meet Emission Stage IIIB as a minimum.

(ii) Any development site within the Central Activity Zone - NRMM used on any site within the Central Activity Zone will be required to meet Emission Stage IV as a minimum.

(iii) NRMM register - The site and all in-scope machinery (37-560kW) must be registered on the [GLA's NRMM Website](#).

(iv) Generators - Generators are required to meet Emission Stage V across the whole of London. When bringing a generator to site, you must ask your supplier for a Stage V generator. If a suitable Stage V solution is not available for the site, you will need to apply for an exemption.

From 1st January 2025

(v) All development sites in Greater London required to meet Stage IV - The CAZ, Opportunity Areas and Greater London zones will no longer have different emission standards. All NRMM on all sites within Greater London will be required to meet Stage IV as a minimum. Generators will continue to be required to meet Stage V.

Please provide evidence demonstrating the above requirements will be met by answering the following questions:

- a) Construction time period (mm/yy - mm/yy):
- b) Is the development within the CAZ? (Y/N):
- c) Will the NRMM with net power between 37kW and 560kW meet the standards outlined above? (Y/N):
- d) Please confirm that all relevant machinery will be registered on the NRMM Register, including the site name under which it has been registered:
- e) Please confirm that an inventory of all NRMM will be kept on site and that all machinery will be regularly serviced and service logs kept on site for inspection:
- f) Please confirm that records will be kept on site which details proof of emission limits, including legible photographs of individual engine plates for all equipment, and that this documentation will be made available to local authority officers as required:

4.4 Air Quality Alerts

Camden Council supports airTEXT and by the end of 2024 there were 713 active subscribers receiving alerts for Camden, which is an increase of 38 from the previous year. Most subscribers receive alerts via SMS text, with email, voicemail, and social media notifications also utilised. During 2024, there were 33 alert days in Camden, with 11,862 alert messages issued.

Camden Council is actively working to secure the routine and consistent cascading of pollution alerts to members of the public.

Appendix A Details of Monitoring Site Quality QA/QC

A.1 Automatic Monitoring Sites

Routine calibrations are carried out on a fortnightly basis by Ricardo Energy & Environment. Operatives are trained to AURN standards.

In Camden, the London Bloomsbury and Camden Kerbside/Swiss Cottage monitoring sites are part of the AURN and as such, are audited to the AURN standard by providers selected by the Environment Agency.

Non-AURN monitoring sites are audited by Ricardo Energy & Environment, who are UKAS accredited. Ricardo are also UKAS accredited for the recertification of onsite cylinders.

All sites are audited every six months and comply with the validation procedures which conform to the requirements of the AURN and exceed the requirements of the LLAQM TG (22). The data ratification procedures also exceed the requirements of TG (22). In 2024, only the Euston Road particulate matter analyser recorded below the 75% data capture requirement and so was annualised to compensate for this shortfall. All other automatic air quality monitoring in Camden recorded above 75% data capture, meaning that any further data annualisation was not required.

PM₁₀ Monitoring Adjustment

PM₁₀ and PM_{2.5} is measured with TEOM-FDMS analysers at three automatic monitoring sites in Camden. These are the London Bloomsbury, Coopers Lane, and Euston Road sites. These instruments are certified to MCERTS reference equivalent standard therefore, the VCM is not required. The Camden Kerbside/ Swiss Cottage automatic monitoring site utilises a BAM analyser to monitor PM₁₀ and PM_{2.5}.

A.2 Diffusion Tubes

Camden's diffusion tubes are supplied by Socotec UK, with 50% TEA in acetone the chosen preparation method. This is the second year that Camden Council has used Socotec UK for diffusion tube monitoring, having previously worked with Gradko International (see Table P below).

Socotec follows the procedures set out in the Practical Guidance. Socotec's 50% TEA/acetone preparation method were rated as having 'good' precision from 30 colocation studies in 2024, according to the Summary of Precision Results for Nitrogen Dioxide Diffusion Tube Collocation Studies, by Laboratory', published in April 2025 by Defra, which can be viewed here:

<https://laqm.defra.gov.uk/air-quality/air-quality-assessment/precision-and-accuracy/>

Socotec has scored highly in laboratory performance assessments for the Summary of Laboratory Performance in AIR NO₂ Proficiency Testing Scheme (January 2023 – February 2025), published in February 2025 by the LAQM Helpdesk (covering AIR PT rounds 55-68, from January 2023 to February 2025). Socotec were found to have 100% of results determined to be 'satisfactory' in all rounds except round 68 (January - February 2025), which scored 87.5% satisfactory. No results have been reported for following AIR PT rounds. The 'Summary of Laboratory Performance in AIR NO₂ Proficiency Testing Scheme (January 2023 – February 2025)' report published by Defra can be viewed here:

<https://laqm.defra.gov.uk/wp-content/uploads/2025/04/AIR-PT-Rounds-55-to-68-January-2023-to-February-2025.pdf>

Camden has used the 2024 national bias adjustment factor for Socotec UK diffusion tubes with 50% TEA/acetone method (0.78) to adjust the Council's raw diffusion tube annual mean concentrations for bias. This factor was published in the 'National Bias Adjustment Factors' spreadsheet produced by Defra and published in April 2024 and was based on 33 colocation studies. This can be viewed here:

<https://laqm.defra.gov.uk/air-quality/air-quality-assessment/national-bias/>

The only diffusion tube bias adjustment factor applied to the data presented in this report is the national bias adjustment factor for Socotec UK diffusion tubes prepared with the 50% TEA/acetone method, which was 0.78.

Previous years' diffusion tube-measured annual mean NO₂ concentrations have been re-calculated where necessary with updated national bias adjustment factors as published by Defra. Consequently, the diffusion tube annual mean values for 2023 and preceding years which have been presented in this Annual Status Report supersede the annual means presented in previous reports.

Factor from Local Co-location Studies

Camden did not participate in the colocation study in 2024.

Discussion of Choice of Factor to Use

In the absence of local adjustment factors or other conditions suggesting that an alternative factor should be used, the national bias adjustment factor for 2024 has been used.

Table P. Bias Adjustment Factor

Year	Local or National	If National, Version of National Spreadsheet	Adjustment Factor
2024	National	04/25	0.78 (Socotec UK)
2023	National	09/24	0.78 (Socotec UK)
2022	National	09/23	0.82 (Gradko Int)
2021	National	09/21	0.82 (Gradko Int)
2020	National	09/21	0.82 (Gradko Int)
2019	National	09/20	0.89 (Gradko Int)
2018	National	09/19	0.89 (Gradko Int)
2017	National	09/18	0.96 (Gradko Int)

A.3 Adjustments to the Ratified Monitoring Data

Short-term to Long-term Data Adjustment

Diffusion tube data has been annualised where there were at least three but fewer than nine months of data. Camden Council's internal air quality monitoring database was utilised for the 2024 adjustments, in accordance with the LLAQM TG methodology.

Table Q displays the annualisation factors which were applied to adjust the raw diffusion tube data based upon NO₂ concentrations measured at the BL0 and IS6 urban background automatic monitoring sites, which achieved sufficient data capture for use in the diffusion tube annualisation adjustments.

Distance Adjustment

No distance adjustment calculations were used on Camden's air quality monitoring data, in line with previous years' annual status reporting methodology. Distance adjustment calculations are not deemed necessary for the three monitoring locations which have recorded an NO₂ annual mean of higher than the legal limit of 40 µg/m³ in 2024. These sites are heavily trafficked by pedestrians and so are viewed as representative of nearby receptors, including bus stops or pavement seating, and so members of the public are likely to have been exposed to similar pollutant concentrations to those measured at each site.

Table Q. Non-Automatic Monitoring Data Adjustment

Site ID	Annualisation Factor: BL0	Annualisation Factor: IS6	Average Annualisation Factor	Raw Data Annual Mean ($\mu\text{g m}^{-3}$)	Annualised Annual Mean ($\mu\text{g m}^{-3}$)	Comments
CAM81	0.941983	0.932935	0.937459	47.73	34.90	Diffusion Tube
CAM89	0.970212	0.934283	0.952248	23.00	17.08	Diffusion Tube
CAM131	0.988528	0.962461	0.975494	42.74	32.52	Diffusion Tube
CAM150	0.975764	1.010629	0.993197	20.23	15.67	Diffusion Tube
CAM163	1.074677	1.161389	1.118033	24.71	21.55	Diffusion Tube
CAM253	0.888862	0.878526	0.883694	23.30	16.06	Diffusion Tube
CAM269	1.000251	1.033276	1.016764	37.58	29.80	Diffusion Tube
CAM289	0.923248	0.903998	0.913623	28.75	20.49	Diffusion Tube
CAM293	1.015428	1.034991	1.025209	31.24	24.98	Diffusion Tube
CAM296	0.928092	0.951546	0.939819	24.33	17.83	Diffusion Tube
CAM319	0.87763	0.881528	0.879579	33.92	23.27	Diffusion Tube
CAM216	1.010283	1.252218	1.131251	21.76	19.20	Diffusion Tube
CAM350	1.014129	1.068692	1.041411	18.06	14.67	Diffusion Tube

CAM357	0.938311	1.058143	0.998227	37.14	28.92	Diffusion Tube
CAM358	0.921399	1.017822	0.969611	37.93	28.68	Diffusion Tube
CAM359	0.868214	0.996072	0.932143	45.82	33.31	Diffusion Tube
CAM362	0.963154	1.034615	0.998885	41.39	32.25	Diffusion Tube
CAM365	0.882201	1.024384	0.953292	40.29	29.96	Diffusion Tube
CAM372	0.881397	0.915814	0.898606	32.27	22.62	Diffusion Tube
CAM373	0.881262	0.91578	0.898521	32.45	22.74	Diffusion Tube
CAM374	0.881262	0.91578	0.898521	21.19	14.85	Diffusion Tube
CAM375	0.88147	0.91573	0.8986	21.78	15.27	Diffusion Tube
CAM376	0.881136	0.915709	0.898423	24.45	17.13	Diffusion Tube
CAM377	0.881154	0.915778	0.898466	26.05	18.25	Diffusion Tube

Table P. Automatic PM₁₀ Monitoring Data Adjustment

Background Site	Annual Data Capture (%)	Annual Mean (A _m)	CD9 Euston Road			
			Period Mean (P _m)	Ratio (A _m / P _m)	Period Mean (P _m)	Ratio (A _m / P _m)
IS2 (Holloway Road)	98%	17.07	16.18	1.054625088		
HG005 (Wood Green)	100%	13.36	13.46	0.992589269		
KC2 (Cromwell Road)	97%	13.33	13.02	1.023485441		
HF5 (Hammersmith Town Centre)	89%	15.00	8.96	0.98171577		
Average (R _a)			1.013103892			
Raw Data Annual Mean (M)			17.59			
Annualised Annual Mean (M x R _a)			17.82			

Table Q. Automatic PM_{2.5} Monitoring Data Adjustment

Background Site	Annual Data Capture (%)	Annual Mean (A _m)	CD9 Euston Road			
			Period Mean (P _m)	Ratio (A _m / P _m)	Period Mean (P _m)	Ratio (A _m / P _m)
HG005 (Wood Green)	100%	8.86	9.08	0.976551621		
KC2 (Cromwell Road)	96%	7.17	7.08	1.013941899		
HF5 (Hammersmith Town Centre)	98%	8.78	8.96	0.980093494		
Average (R _a)			0.990195671			
Raw Data Annual Mean (M)			9.48			
Annualised Annual Mean (M x R _a)			9.38			

Appendix B Full Monthly Diffusion Tube Results for 2024

Table T. NO₂ 2024 Diffusion Tube Results (µg m⁻³)

DT ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual Mean: Raw Data	Annual Mean: Annualised and Bias Adjusted < (x.x) >	Annual Mean: Distance Corrected to Nearest Exposure	Comment
CAM1	529030	185687	36.60	28.60	19.50	14.70	31.40	16.20	17.60	17.10	18.50	29.20	30.50	27.60	23.96	18.69	N/A	
CAM2	526518	185938		28.33	14.07	19.00	14.07	14.40	13.70	13.37	17.10	24.07	28.20	23.60	19.08	14.88	N/A	
CAM3	526518	185989		28.83	14.07	19.73	16.47	14.47	15.17	14.40	16.97	25.27	27.60	22.35	19.57	15.27	N/A	
CAM4	528159	185641			16.37	24.13		13.97	16.17	14.57	16.93	23.97	23.73	20.93	18.97	14.80	N/A	
CAM5	528098	185597		30.07	17.73	22.90		15.30	15.93	14.90	18.80	27.00	26.53	24.90	21.41	16.70	N/A	
CAM6	526345	184876		34.90	19.50	22.13		19.87	19.95	20.47	19.00	25.53	29.63	26.27	23.73	18.51	N/A	
CAM7	526479	185411		36.50		18.65	25.50	25.60	22.07	22.13	29.80	30.77	34.23	26.90	27.22	21.23	N/A	
CAM8	526226	185337		33.10	20.30	23.53	17.47	17.33	17.47	16.07	20.35	24.00	27.30	23.43	21.85	17.04	N/A	
CAM9	526499	186122		23.67		26.05	13.10	11.73	11.90	11.73	16.67	20.77	17.57	17.40	17.06	13.31	N/A	
CAM10	528302	183932		40.63	23.90	30.93	18.47	16.27		15.70	19.87	26.10	24.97	24.13	24.10	18.80	N/A	
CAM11	524345	185133		33.43	20.00	27.00	18.87	18.03	18.73	17.57	22.43	26.87	29.93	20.90	23.07	17.99	N/A	
CAM12	529918	184786		34.57	22.05	23.30		17.93	18.85	16.80	19.60	24.87	29.43	24.17	23.16	18.06	N/A	
CAM13	529845	181595	36.00	30.77	19.57	18.55	23.83	18.67	18.87	20.20	24.57	28.73	34.33	26.70	25.07	19.55	N/A	
CAM14	529804	181519	43.53	39.10	28.10	27.17	26.95	23.57	23.40	25.67	26.00	36.30	39.37	36.03	31.27	24.39	N/A	
CAM15	529805	181703	41.87	32.73	20.43	15.90	23.03	22.10	22.87	20.63	25.37	32.70	36.87	27.47	26.83	20.93	N/A	
CAM16	530210	182748	44.20	33.10	29.23	22.10	26.33	22.00	20.60	20.80	26.50	26.40	36.10	31.17	28.21	22.00	N/A	
CAM17	529583	183051		32.00	23.50	16.70	20.33	17.37	17.87	19.60	22.43	26.47	28.57	26.67	22.86	17.83	N/A	
CAM18	529617	182935		35.53	24.37	20.80	21.33	18.33	20.70	20.23	22.67	29.57	33.17	25.37	24.73	19.29	N/A	
CAM19	529522	183089				28.20									28.20		N/A	
CAM20	526856	185301		31.63	16.67	18.00	15.70	15.23	15.97	14.53	19.73	24.63	26.20	24.00	20.21	15.76	N/A	
CAM21	526929	185226		28.60	15.20	23.00	15.87	14.17	15.10	14.73	20.73	25.27	27.67	22.27	20.24	15.78	N/A	
CAM22	527006	185160		30.53	17.63	18.43		14.85	17.80	17.50	18.80	25.87	27.30	22.55	21.13	16.48	N/A	
CAM23	527067	185152		31.27	17.83	19.20		16.03	16.97	16.07	19.60	24.50	30.53	28.47	22.05	17.20	N/A	
CAM24	525116	184772		31.70	17.70	17.95	17.60	17.17	16.23	15.37	20.87		28.50	18.75	20.18	15.74	N/A	
CAM25	525199	184709		32.23	18.60	15.60	20.27	21.00	21.90	19.27	22.70	28.97	31.73	22.63	23.17	18.07	N/A	
CAM26	525030	184701		33.30	17.80	21.43	17.63	18.10	19.37	18.20	22.50	27.03	31.73	25.73	22.98	17.93	N/A	
CAM27	529114	185052		32.13	21.03	19.80	19.27	17.03	16.60	17.50	21.50	26.57	23.13	24.25	21.71	16.93	N/A	
CAM28	529112	184960		33.27	18.90	19.65	17.37	15.77	16.77	14.63	20.10	23.07	31.50	22.53	21.23	16.56	N/A	
CAM29	529113	184869		31.05	20.30	18.07	18.20	16.30	15.40	15.20	18.43	24.77	26.57	25.43	20.88	16.29	N/A	
CAM30	531028	182092	50.00	50.60	45.50	19.87	40.70	40.17	37.90	42.33	49.03	59.30	47.97	44.40	43.98	34.30	N/A	
CAM31	528745	186598		25.97	17.07	18.60	14.50	13.35	14.27	13.57	18.23	22.17	24.55	14.73	17.91	13.97	N/A	
CAM32	528685	186614		34.17	23.10	23.00		21.90	22.20	18.77	22.20	31.73	29.40	16.53	24.30	18.95	N/A	

CAM33	528876	186421		26.20	17.10	16.50	13.37	13.07	13.47	13.57	17.37	21.33	27.60	18.20	17.98	14.02	N/A	
CAM34	528835	182980			18.00	14.10		15.17	14.53	15.10	19.30	19.97	26.63	22.77	18.40	14.35	N/A	
CAM35	528814	182873			20.27	20.85		18.40	20.17	18.93	21.93	26.90	30.10	22.43	22.22	17.33	N/A	
CAM36	524928	185092		30.23	16.27	21.90	15.97	16.93	18.43	18.30	20.20	29.03	31.30	22.90	21.95	17.12	N/A	
CAM37	525036	185121		29.67	17.70	18.97	15.70	16.50	16.77	15.60	18.30	25.87	30.10	20.93	20.55	16.03	N/A	
CAM38	524860	185039		31.70	17.73	20.63	17.93	17.03	18.20	17.47	22.07	28.47	29.77	22.20	22.11	17.25	N/A	
CAM39	526216	184457		29.37		17.70	18.07	15.00	16.23	15.70	20.40	23.10	30.67	19.15	20.54	16.02	N/A	
CAM40	528903	185009	27.40	29.83	20.07	24.63	19.43	15.83	13.85	15.20	19.80	24.53	30.25	21.05	21.82	17.02	N/A	
CAM41	528853	184975	25.37	29.50	17.37		15.83	13.83	15.17	13.85	19.23	26.80	28.55	23.97	20.86	16.27	N/A	
CAM42	529409	184720		31.73	22.07	20.80	17.90	15.87	17.53		22.43	26.23	31.83	25.80	23.22	18.11	N/A	
CAM43	526343	185755		27.73	17.23	20.83	16.97	15.17	16.07	15.47	19.57	27.67	28.27	21.57	20.59	16.06	N/A	
CAM44	528338	184776	28.30	32.10	19.87	14.80	22.10		22.30	13.80	19.90	24.13	27.20	20.50	22.27	17.37	N/A	
CAM45	528233	184430	33.60	36.03	26.80	19.97	18.97	18.37	18.33	18.77	24.57	31.63	32.37	24.00	25.28	19.72	N/A	
CAM46	529113	182561		42.95	21.70	20.50	14.90	14.80	16.40	19.93	25.67	26.63	32.00	27.97	23.95	18.68	N/A	
CAM47	530760	182782				35.65	33.77	33.43	31.13	27.63	38.57	39.43	45.85	35.47	35.66	27.81	N/A	
CAM48	530705	182701		33.73	27.07	28.10	22.43	19.13	19.90	20.43	24.35	28.97	34.43	30.10	26.24	20.47	N/A	
CAM49	530879	182342	42.73	43.37	28.30	20.20	24.57	21.73	21.40	22.83	25.50	31.40	36.60	32.77	29.28	22.84	N/A	
CAM50	530822	182276	45.03	43.57	31.57	24.33	30.07	29.70	28.15	29.20	32.53	30.70	41.37	36.07	33.52	26.15	N/A	
CAM51	531294	182146	32.13	37.83	29.07	25.00	25.00	19.43	20.17	20.07	22.10	27.90	32.10	29.60	26.70	20.83	N/A	
CAM52	531239	182105	34.63	36.73	25.80	25.80	18.93	19.73	20.20	19.60	24.17	31.33	31.35	29.10	26.45	20.63	N/A	
CAM53	530990	182574	42.73	33.20	27.50	22.93	21.80	20.50	21.53	20.70	22.40	28.17	31.17	33.83	27.21	21.22	N/A	
CAM54	531147	182179	32.40	36.20	26.27	24.63	20.37	21.10	22.03	21.63	23.93	29.30	31.50	29.73	26.59	20.74	N/A	
CAM55	530620	182633		33.90	34.27	24.37	33.60	30.93	27.90	27.83	33.63	37.10	34.17	37.10	32.25	25.16	N/A	
CAM56	530775	182346	37.97	45.13	31.10	23.63	23.47	22.77	23.40	22.47	24.77	30.60	33.35	30.70	29.11	22.71	N/A	
CAM57	531056	181822	40.97	41.37	40.70	30.70		28.90	27.90	27.83	33.97	37.10	39.13	37.47	35.09	27.37	N/A	
CAM58	530915	182046	33.57	35.27	29.13	33.37	26.07	24.17	23.20	23.67	26.40	28.20		25.43	28.04	21.87	N/A	
CAM59	530823	182079	40.57	37.13	29.80	24.30	25.40	25.50	26.87	25.90	29.70	34.03	36.77	33.85	30.82	24.04	N/A	
CAM60	530884	182124	45.10	41.63	33.80	28.10	27.20	30.70	26.33	27.67	32.23	37.37	29.00	38.47	33.13	25.84	N/A	
CAM61	530965	182112	42.43	39.37	32.53	21.55	26.57	25.67	26.60	25.73	31.37	35.07	43.43	39.60	32.49	25.34	N/A	
CAM62	528305	184657	33.93	45.60	27.23	35.37	29.60	34.00	31.07	30.70	30.67	33.65	26.77	32.75	32.61	25.44	N/A	
CAM63	528179	184606	32.03	32.03	23.97	16.93	20.50	18.03	19.87	18.87	23.17	28.43	31.37	30.03	24.60	19.19	N/A	
CAM64	527990	184602	35.00	38.73	25.97	23.45	19.43	19.53		20.20	24.57	30.70	31.83	24.27	26.70	20.82	N/A	
CAM65	528244	184587	30.80	37.23	24.37	19.35	19.60	19.57	18.27	17.00	23.27	26.57	29.47	25.27	24.23	18.90	N/A	
CAM66	528377	184599	35.05	35.50		19.05	22.17	21.27	20.70	19.13	24.00	31.20	32.13	24.77	25.91	20.21	N/A	
CAM67	528380	184636	37.45	43.27	52.60	36.50	28.80	29.90	26.17	24.77	33.70	32.40	41.57	28.77	34.66	27.03	N/A	
CAM68	528537	184626	35.27	35.00	22.13	29.73		17.97		17.10	23.00	27.27	27.65	22.57	25.77	20.10	N/A	
CAM69	528736	184719	35.73	54.75	63.30	30.10	25.03	24.00		20.37	31.20	32.00	33.93	24.70	34.10	26.60	N/A	
CAM70	530093	182792			59.60	57.30	20.90	55.90	55.50	54.50	61.70	61.30	58.00	52.50	53.72	41.90	N/A	
CAM71	529907	182670	58.33	63.17		52.23	42.10	56.30			61.10	61.80	59.90	55.17	56.68	44.21	N/A	
CAM73	530512	182511	28.30	28.40	22.10	17.70		15.10	15.60	13.70		34.60	27.50	20.10	22.31	17.40	N/A	
CAM74	529013	185102	39.00	33.70	24.40		30.30	26.10	31.40	22.00	29.80	41.30	39.80	33.20	31.91	24.89	N/A	

CAM75	526213	185519	24.30	19.20	17.20	13.10		12.40	13.00		16.90	21.30		20.60	17.56	13.69	N/A	
CAM76	526547	185125	33.50	38.00			46.30	29.00	28.50	27.60	26.30	39.40	36.20	34.90	33.97	26.50	N/A	
CAM77	526633	184392	46.77	41.33	39.27	38.27	32.50	38.65	38.33	36.23	41.83	46.70	46.33	34.00	40.02	31.21	N/A	
CAM78	529904	183138	48.10	54.30	36.80	31.60			39.40	34.20	41.50	45.20		53.60	42.74	33.34	N/A	
CAM79	529880	182334	37.50	31.00	29.40	22.60	33.70		20.40		23.30	30.40	33.90	30.40	29.26	22.82	N/A	
CAM80	529689	182470	38.90	40.70	34.90	30.00	12.80	30.80		24.60	34.60		38.80	38.40	32.45	25.31	N/A	
CAM81	529568	181728	51.00	44.30	49.50	42.90			49.80	48.20			45.00	51.10	47.73	34.90	N/A	
CAM82	525362	185255	37.30	35.90	31.90	28.50		30.20	28.20	28.70	39.90	33.40	38.70	32.50	33.20	25.90	N/A	
CAM83	528213	187203	20.70	28.30	21.40	18.60	20.30	16.90	21.00	17.10	22.60	31.60	31.80	19.60	22.49	17.54	N/A	
CAM84	529173	184129	45.90	46.50	38.90	37.20	44.90	43.30	46.50	38.00	45.20	53.90	40.50	37.90	43.23	33.72	N/A	
CAM85	528722	185950	38.00	34.70	22.40	22.30	23.90	23.10	18.10	21.70	23.90	33.50	29.30	23.70	26.22	20.45	N/A	
CAM86	529962	181620	41.80	37.10	32.30	33.70	29.30	32.30	30.70	31.60	39.60	33.70	42.80	37.10	35.17	27.43	N/A	
CAM87	529118	185913	42.80	35.60	24.60	22.90	22.50	24.20	24.70	22.00	29.40	34.50	35.10	30.90	29.10	22.70	N/A	
CAM88	529099	185881	31.00		23.20	17.30	21.70	17.90	18.30	17.00	26.20	30.40	31.90	22.40	23.39	18.24	N/A	
CAM89	529060	185848	34.50	29.70				15.50	16.00	14.80	18.70	25.90	28.90		23.00	17.08	N/A	
CAM90	529334	183868	32.15	37.37	21.53	34.25	19.87	18.77	18.80	18.33	22.03	29.03	33.67	28.07	26.16	20.40	N/A	
CAM91	529142	183738		42.47	26.43	28.73	42.80	27.97	23.53	20.87	25.87	31.17	34.30	28.67	30.25	23.60	N/A	
CAM92	529054	183772		61.57	39.23	29.30	42.27	46.87	46.07	42.97	41.37	49.27	51.20	44.10	44.93	35.04	N/A	
CAM93	529010	183795		44.53	27.80	34.10	29.20	27.65	25.77	26.50	30.10	34.43	38.37	31.27	31.79	24.80	N/A	
CAM94	528971	183636		52.87	33.67	21.40	39.07	40.13	36.63	36.67	42.80	44.63	43.00	38.20	39.01	30.42	N/A	
CAM95	528968	183551		37.10		32.60		19.43	17.53	16.17	24.03	28.37	33.73	26.30	26.14	20.39	N/A	
CAM96	528881	183697		39.53	23.63	28.17	21.10	20.83	19.70	19.00	22.73	30.73	36.37	25.93	26.16	20.40	N/A	
CAM97	528867	183547		37.47		35.40		21.23	20.03	18.63	22.57	24.63	29.47	26.00	26.16	20.40	N/A	
CAM98	528866	183590		46.57	29.87	29.60	32.80	33.27	26.93	30.30	38.27	38.10	45.53	28.57	34.53	26.93	N/A	
CAM99	528836	183625		34.97	21.03		20.10	17.13	16.57	16.67	21.40	26.07	29.40	24.57	22.79	17.78	N/A	
CAM100	528695	183596		36.70		25.95	29.20	24.70	23.45		30.90	30.67	36.17	22.70	28.94	22.57	N/A	
CAM101	528654	183570		45.70	31.53	25.40	33.40	33.33	32.70	23.70	35.33	32.83	40.23	25.87	32.73	25.53	N/A	
CAM102	528604	183457		38.20	28.77	19.23	28.27	23.90	25.03	23.70	33.47	30.10	38.63	28.37	28.88	22.53	N/A	
CAM103	528636	183577		43.70	30.77	22.70	30.80	32.03	29.25	26.33	34.40	35.30	36.03	32.03	32.12	25.06	N/A	
CAM104	528560	183695		36.75	24.87	23.90		21.50	20.23	24.53	25.60	29.73	29.10		26.25	20.47	N/A	
CAM105	528724	183702		43.80	31.07	30.70		41.30	38.57	35.50	38.87	36.83	36.63	27.23	36.05	28.12	N/A	
CAM106	529548	184449		31.43	20.10	20.63	17.00	14.07	15.40	14.03	18.60	23.10	29.07	26.53	20.91	16.31	N/A	
CAM107	529677	184531		31.93	22.47	27.35	17.43	14.77		15.23	19.20	25.83	27.10	26.70	22.80	17.79	N/A	
CAM108	529725	184680		34.43	21.43	15.20	17.47	15.77		15.67	19.70	25.80	30.57	25.47	22.15	17.28	N/A	
CAM109	529767	184734		33.40	21.27	27.20	18.77	16.97	17.23	15.60	21.85	27.00	31.83	30.60	23.79	18.56	N/A	
CAM110	529754	184457		35.90	22.43	18.43	18.80	17.40	19.00	16.73	21.83	26.73	30.43	30.33	23.46	18.30	N/A	
CAM121	528081	184490	30.40	29.40	22.70	17.20	12.40	18.00	20.70	17.80	24.20	33.80	30.80	29.00	23.87	18.62	N/A	
CAM122	528558	184331	28.80	28.30	21.80	15.10	8.50	15.90	17.70	15.10	17.40	28.90	28.50		20.55	16.03	N/A	
CAM123	528619	184315	34.40	28.40	22.90	16.40	10.30	17.10	18.60	16.20	21.70	31.80		27.30	22.28	17.38	N/A	
CAM124	528881	184287	32.10	36.00	29.50	22.20	12.50	24.10	28.00	30.00	29.70		31.50	34.60	28.20	22.00	N/A	
CAM125	528935	184053	35.90	35.00	26.70	23.50	23.00	27.70	27.00	33.00		36.40	34.20	27.30	29.97	23.38	N/A	

CAM126	528898	184094	34.30	34.10	27.20	18.20	13.30	24.60	29.10	15.60	25.60	42.50	37.90	30.40	27.73	21.63	N/A	
CAM127	528704	184011	31.70	29.40	22.80	18.40	12.20	18.50	20.90	19.60	24.10	32.10		26.30	23.27	18.15	N/A	
CAM128	528722	184127	38.00	35.10	30.40	25.10	17.00	28.90		25.10	31.30	40.40	12.20	29.10	28.42	22.17	N/A	
CAM129	528845	183970		32.30	29.10	27.10	32.30	26.70	28.20		26.60	39.60	29.60	27.90	29.94	23.35	N/A	
CAM130	528884	183901	36.50	40.70	25.00	29.10	17.60	32.40	36.40	31.70	25.30	45.70		33.90	32.21	25.12	N/A	
CAM131	528915	183870	48.20	48.90				36.90	39.60	36.50	41.40	53.10		37.30	42.74	32.52	N/A	
CAM132	528770	183887	32.70	26.60	24.90	18.30	11.40	18.40	21.30	18.80	24.60	34.10	32.30	25.60	24.08	18.79	N/A	
CAM133	528715	184456	30.10	28.20	19.10	15.10	15.60	14.50	17.40	14.50	15.80	27.40	26.30	26.70	20.89	16.30	N/A	
CAM134	528119	184354	31.50	31.95	22.33	29.80	18.87	18.20	18.07	15.03	22.27	26.80	28.40	20.03	23.60	18.41	N/A	
CAM135	528335	184338	35.60	38.73	27.75	23.70	30.03	28.83	25.93	24.87	33.70	35.10	38.40	30.57	31.10	24.26	N/A	
CAM136	528456	184345	35.50	37.03	27.30		30.83	29.30	25.40	26.27	31.33	36.70	37.33	29.50	31.50	24.57	N/A	
CAM137	528582	184265	32.70	37.90	24.03	26.15	20.35	22.85	21.30	20.03	23.83	26.77	31.17	22.77	25.82	20.14	N/A	
CAM138	527278	185153		44.73	28.13	21.43		33.45	35.90	34.63	33.47	46.43	37.53	31.23	34.70	27.06	N/A	
CAM139	527184	185274		45.83	26.83	20.77		39.60	39.40	37.60	52.40	50.03	49.75	39.40	40.16	31.33	N/A	
CAM140	527299	185071		32.80		18.03		17.10	19.93	16.97	21.67	31.53	32.03	27.37	24.16	18.84	N/A	
CAM141	527500	184974		35.30	20.93	22.47		24.03	24.57	22.93	27.57	34.50	35.23	28.87	27.64	21.56	N/A	
CAM142	529606	183589		33.90	29.33	31.57	29.60	30.57		26.83	33.23	34.23		27.03	30.70	23.95	N/A	
CAM143	529443	183941		31.90	24.43	26.90	23.95	20.35	22.50	21.47		30.63	26.50	28.67	25.73	20.07	N/A	
CAM144	529405	184139		30.30	23.25	17.03	30.70	22.67			26.73	29.83	35.60	26.17	26.92	21.00	N/A	
CAM145	529233	184325		30.07		25.65	26.45	24.57	23.43	22.60	27.13	29.73	31.83	30.65	27.21	21.23	N/A	
CAM146	529289	183697			21.83	23.50	21.20	18.37	21.80	21.50	26.40	27.87	22.40	23.00	22.79	17.77	N/A	
CAM147	530004	184626		46.40		34.00	28.73	30.07	28.17	24.17	27.20	35.43	36.67	26.97	31.78	24.79	N/A	
CAM148	530067	184286		46.10	36.27	27.85		33.73	34.13	28.10	28.67	36.73	40.45		34.67	27.04	N/A	
CAM149	530320	183606			32.80	31.00	29.70	30.03	35.20	32.70	30.63	35.30	38.80	34.70	33.09	25.81	N/A	
CAM150	528259	185061				15.85		16.20	16.10	15.87	19.07	25.27	30.20	23.27	20.23	15.67	N/A	
CAM151	528191	185041	25.77	30.87		19.70	15.90	19.10	16.27	15.97		21.87	30.20	23.60	21.92	17.10	N/A	
CAM152	528248	185360		33.07	20.57	24.13	19.90	19.67	15.80	16.77	23.30	27.50	29.07	22.20	22.91	17.87	N/A	
CAM153	528404	185130	31.27	35.80	21.30	26.00	17.57	17.30	17.63	14.27	20.50	26.97	24.27	22.80	22.97	17.92	N/A	
CAM154	528516	185100	30.73	38.13	21.47	22.40	18.17	17.17	18.03	18.13	21.30	24.30	31.30	27.20	24.03	18.74	N/A	
CAM155	528874	185037	25.30	28.93	18.30	16.70	22.15	15.93	15.67	14.20	21.83	24.37		19.27	20.24	15.79	N/A	
CAM156	527865	185224		32.50	34.97	21.55	25.37	21.83	17.13	23.57	28.17	28.93	34.63	24.70	26.67	20.80	N/A	
CAM157	528251	184767	32.77	35.63	24.60	20.03	20.95	16.60	16.90	18.20	22.33	25.85	29.00	21.07	23.66	18.46	N/A	
CAM158	528334	184832	32.57	34.80	19.83	26.60	17.53	16.17	23.17	14.17	18.83	22.10	28.93	25.05	23.31	18.18	N/A	
CAM159	528309	185097	27.60	31.77	24.73	23.55	17.73		19.53	14.40	21.37	25.47	30.70	22.37	23.57	18.38	N/A	
CAM160	528430	184837	28.57	31.23	21.10	15.25	16.07	15.00	16.60	14.43		23.13	28.67	22.63	21.15	16.50	N/A	
CAM161	529595	185067		27.50		13.60	19.20	17.60	19.97	16.60	23.03	26.73	29.30	18.43	21.20	16.53	N/A	
CAM162	529842	184780		34.60		25.85	26.03	22.27	19.07	20.40	27.40	32.43	36.97	32.30	27.73	21.63	N/A	
CAM163	529317	184124		53.70	21.95	19.15	19.00	17.45		19.00	22.70				24.71	21.55	N/A	
CAM164	529264	184155		47.47	24.13	22.73		24.00	23.77	24.30	29.30	32.75	28.10	23.07	27.96	21.81	N/A	
CAM165	529310	183998		43.53	26.03	19.37		25.33	22.93	24.33	27.87	34.43	38.40	29.13	29.14	22.73	N/A	
CAM166	529279	183390		40.77	47.40	27.77	47.90	46.93	49.90	46.67	46.65	54.15	52.13		46.03	35.90	N/A	

CAM167	527440	184319		53.20	36.77	29.00	47.63	45.90	44.77	42.87	47.23	48.90	48.33	38.60	43.93	34.26	N/A	
CAM168	526852	184138		45.13	31.70	14.25	36.33	33.70	38.00	36.57	34.10	40.33	43.60	35.80	35.41	27.62	N/A	
CAM169	526885	183959		35.27	22.90	20.65	31.97	27.57	25.70	24.87	28.77	32.17	29.00	25.83	27.70	21.60	N/A	
CAM170	526924	183780		32.00	17.90	15.77	20.20	16.60	18.60	16.63	24.07	24.97	30.37	20.83	21.63	16.87	N/A	
CAM171	527018	183899		31.90	20.57	17.27	26.23	24.27	25.55	24.33	27.90	32.23	34.83	21.87	26.09	20.35	N/A	
CAM172	527372	184086		28.60	16.70	19.77	19.40	17.40	16.07	18.73	22.13	26.65	29.00	23.47	21.63	16.87	N/A	
CAM173	527517	184159		27.80	17.07	21.47	18.37	16.17	17.03	18.80	22.23	23.23	28.45	20.67	21.03	16.40	N/A	
CAM174	526930	184135		41.73	24.47	21.60	26.53	28.50	30.17	24.60	30.47	34.87	36.07	31.60	30.05	23.44	N/A	
CAM175	527213	184163		27.27	16.05	18.93	21.40	20.80	21.27	19.33	22.70	28.40		24.77	22.09	17.23	N/A	
CAM176	527496	184210		29.50	18.00	31.50	20.80	19.10	18.47	17.30	22.97	19.20	25.37	23.83	22.37	17.45	N/A	
CAM177	527595	184210		28.90	23.93	21.50	19.87	19.43	18.93	19.17	23.27	25.37	29.13	23.80	23.03	17.96	N/A	
CAM178	527582	184132		29.90	19.27	26.40	22.63	19.77	20.90	18.43	22.57	29.00	30.17		23.90	18.64	N/A	
CAM182	530386	182171	45.77	38.50	38.33	21.20	29.40	25.33	26.67	27.43	32.23	43.73	37.33	26.70	32.72	25.52	N/A	
CAM189	530104	182388	41.93	43.77	35.60	25.90		26.40	26.43	26.25	28.05		39.35	28.10	32.18	25.10	N/A	
CAM194	530343	182500		33.80	30.23		24.30	20.70	23.17	22.33	24.80	29.37	34.10	32.87	27.57	21.50	N/A	
CAM196	530193	182529		34.93	33.03		25.50	22.97	25.10	21.97	25.83	32.17	36.70	31.83	29.00	22.62	N/A	
CAM200	530044	182947		47.67	42.53	22.97	42.97	40.70	39.27	36.80	52.07	48.67	54.10	35.20	42.08	32.83	N/A	
CAM201	530054	182710	47.67	36.17	48.10	28.00		25.00	24.50	24.03	31.80	33.20	40.27	31.93	33.70	26.28	N/A	
CAM202	529985	182674		35.87	31.35	29.35	29.87	27.70	26.53	27.53	31.47	34.37	41.80	42.75	32.60	25.43	N/A	
CAM203	529893	182540	45.23	38.45	32.05	24.20	25.57	22.87	26.03	16.70	30.73	31.60	35.33	35.80	30.38	23.70	N/A	
CAM204	529860	182451	62.93	46.73	44.53	44.60	46.87	49.47	49.40	46.23	44.40	49.87	57.63	51.13	49.48	38.60	N/A	
CAM216	529281	182256			20.33	16.70	28.23								21.76	19.20	N/A	
CAM229	529650	182060		43.10	21.27	29.53	30.90	28.17	25.83	25.40	34.93	34.80	43.55	36.80	32.21	25.12	N/A	
CAM241	530042	181188	49.30	39.83	46.90		33.77	31.30	27.80	31.30	33.10	33.30	37.43	37.30	36.48	28.46	N/A	
CAM242	529978	181100	40.90	37.33		31.50	30.07	28.27	26.03	28.00	30.70	33.93	38.57	20.33	31.42	24.51	N/A	
CAM243	530073	181169	36.67	34.90		26.85	27.40	25.73	24.20	27.27	28.57	31.13	32.40	26.67	29.25	22.82	N/A	
CAM244	530059	181041	38.20	31.37		26.35	27.33	25.87	24.13	26.90	27.07	32.10	37.45	30.73	29.77	23.22	N/A	
CAM245	530036	181120	48.93	41.15		40.70	35.63	34.17	33.17	36.03	33.90	30.97	37.50	36.20	37.12	28.96	N/A	
CAM246	530086	181070	59.70	53.80		41.20	46.20	55.37	54.35	59.33	45.50	51.30	33.40	39.00	49.01	38.23	N/A	
CAM247	530131	181105	41.90	31.77		29.20	29.27	25.23	25.10	26.33	29.60	31.90	31.30	32.83	30.40	23.71	N/A	
CAM248	530018	181078	60.07	55.03			53.70	56.30	51.23	62.20	57.50	51.53	54.25	46.73	54.86	42.79	N/A	
CAM249	530009	181037	40.63	35.07		39.30	29.60	26.20	26.43	27.63		34.37	37.85	32.33	32.94	25.69	N/A	
CAM250	530100	181029	42.27	33.27		26.20	28.63	27.97	24.10	25.87	27.20	29.27	38.40	29.53	30.25	23.59	N/A	
CAM251	530114	181134	41.73			40.45	28.00	27.30	23.50	24.70	24.60	30.17	37.00	31.03	30.85	24.06	N/A	
CAM252	530139	181178	65.40	33.90		33.63	25.90	24.53	22.30	24.80	25.80		29.30		31.73	24.75	N/A	
CAM253	529497	183948	30.50	25.20	20.10			16.10			18.80	27.50	26.50	21.70	23.30	16.06	N/A	
CAM254	529660	183797	28.00	27.00	21.70	16.70		17.00	19.10	16.70	20.80	30.70	29.20	26.00	22.99	17.93	N/A	
CAM255	529698	183770	27.20	26.10	21.60	16.30	10.40	15.10	18.80	16.70	21.40	29.40	29.30	24.40	21.39	16.69	N/A	
CAM256	529748	183733	29.30	26.10	21.10	17.40		15.40	16.30	14.80	20.50	27.00	27.10	25.90	21.90	17.08	N/A	
CAM257	529988	183524	34.40	25.20	31.30			20.80	24.40	21.70	23.90	29.30	35.80	24.60	27.14	21.17	N/A	

CAM258	528021	185593		28.23	17.70	20.80		14.13	15.67	15.10	17.50	22.10	24.63	20.50	19.64	15.32	N/A	
CAM259	527926	185614		29.80	17.07	20.77		15.47	15.37	13.83	17.93	24.93	26.35	22.17	20.37	15.89	N/A	
CAM260	527865	185604		28.20	16.70	20.60		14.07	15.03	14.07	17.17	23.17	26.53	21.73	19.73	15.39	N/A	
CAM261	525668	183335		34.87	21.87	25.03	23.57		24.43	20.87	24.73	30.27	27.00	27.13	25.98	20.26	N/A	
CAM262	525557	183462		38.07	26.73	24.83	25.70	24.50	27.50	27.10	27.10	34.50			28.45	22.19	N/A	
CAM263	525439	183589		61.43	52.33	46.00	52.63	50.27	52.00	47.33	50.40	56.80	52.03	37.93	50.83	39.65	N/A	
CAM264	525381	183708		36.35	26.77	16.03		32.17	31.70	30.35	30.83	36.97	30.97	35.90	30.80	24.03	N/A	
CAM265	525258	183828			34.17	37.75	34.85	41.90	43.77	39.47	34.37	45.10	39.65	41.43	39.25	30.61	N/A	
CAM266	525156	183991		48.13	33.37	30.00	49.37	42.00	44.13	39.40	42.70	46.57	50.35	42.20	42.57	33.20	N/A	
CAM267	525077	184067		55.77	42.23	27.47	41.47	40.70	42.97	42.17	39.80	52.83	46.73	42.80	43.18	33.68	N/A	
CAM268	524998	184185		26.30	26.80	29.70	28.30	26.97		27.33	30.80	33.77	38.30	33.37	30.16	23.53	N/A	
CAM269	524904	184281		47.37		16.93		38.63	39.97	33.33	35.43	43.67	45.30		37.58	29.80	N/A	
CAM270	524747	184500		37.20	18.43	18.00	24.70	24.70	23.45	22.77	28.50	29.87	35.40	29.10	26.56	20.71	N/A	
CAM271	524631	184665		45.60	29.95	25.40	38.80	35.47	37.40	36.60	39.97	42.07	43.75	31.30	36.94	28.81	N/A	
CAM272	528437	187270		42.53		23.87	17.73	15.33	16.37	14.77	19.93	26.47	24.80	19.33	22.11	17.25	N/A	
CAM273	528324	186396		31.03	18.80	23.95	22.37	20.63	22.70	21.53	22.67	30.53	28.67	27.93	24.62	19.20	N/A	
CAM274	528918	186959		50.00		22.97	21.33	20.13	22.47	18.00	22.53	28.47	30.90	29.47	26.63	20.77	N/A	
CAM275	528967	186654		33.45	23.30	17.93		21.53	21.37	21.30	24.40	32.03	32.57	27.80	25.57	19.94	N/A	
CAM276	529025	186145		33.90	29.13	22.70	26.85	22.50	23.13	18.60	28.40	31.70	33.37	29.10	27.22	21.23	N/A	
CAM277	528364	186173		45.43	26.97	25.67	41.67	34.37	36.27	35.67	37.83	37.90	42.07	33.43	36.12	28.17	N/A	
CAM278	528763	185546		36.00	23.30	20.70	27.07		24.40	19.77	27.57	35.60	34.47	29.30	27.82	21.70	N/A	
CAM279	528523	185778		38.00	23.87	28.80	32.20	30.57	27.67	29.13	35.57	36.43	38.77	27.40	31.67	24.70	N/A	
CAM280	528939	185366		36.67	25.83	23.50	25.57	23.03	23.80	23.40	25.93	33.63	34.83	28.97	27.74	21.64	N/A	
CAM281	528788	186048		30.40		27.43	17.77	15.20	17.33	16.17	18.90	25.90	31.65	22.50	22.33	17.41	N/A	
CAM282	528924	186085		32.53	23.20	17.75	21.45	21.07	23.40	22.20	22.03	29.80	28.35	27.93	24.52	19.13	N/A	
CAM283	529119	186219		30.43	18.60	21.15	20.65	18.07	17.57	16.47	22.77	23.77	28.97	18.85	21.57	16.83	N/A	
CAM284	529179	186011		32.05	24.20	21.10		28.90	25.93	25.03	28.20	34.03	37.30	26.90	28.37	22.12	N/A	
CAM285	529016	185533			23.57	22.73	24.45	18.50	21.70	20.37	26.23	29.70	36.35	29.27	25.29	19.72	N/A	
CAM286	529885	183280	46.80	56.60	45.17	45.03	26.45	45.93	51.67	49.15	45.20	55.93	53.50	45.13	47.21	36.83	N/A	
CAM287	529813	183349	35.10	32.80	26.60	21.93	54.40	21.70	23.20	20.47	34.55	34.13	37.83	27.50	30.85	24.06	N/A	
CAM288	529750	183288	31.83	30.63	23.03	18.13	28.60	16.87	20.70	17.50	23.10	32.57		21.20	24.02	18.73	N/A	
CAM289	529797	183187	33.20	34.20					21.03	16.93	33.05	34.97	33.23	23.40	28.75	20.49	N/A	
CAM290	529641	183282	29.37	24.13	22.50	15.23	24.90	15.77	19.40	16.93	28.80	28.63	26.33	27.40	23.28	18.16	N/A	
CAM291	529611	183444	31.15	26.67	23.33	17.53	26.90	18.47	20.07	16.77	28.40	29.83	31.53	22.03	24.39	19.02	N/A	
CAM292	529424	183445	27.10	29.93	28.20	21.93	27.60	24.00	26.13	22.07	26.95	34.93	32.87	29.30	27.58	21.52	N/A	
CAM293	529224	183362					25.45	29.17	33.57	27.00	25.50	38.60	42.70	27.97	31.24	24.98	N/A	
CAM294	529229	183231	39.03	35.90	30.13	19.77	28.80	26.73	29.40	22.45	25.30	39.20	40.90	30.77	30.70	23.94	N/A	
CAM295	529321	183239	36.27	38.10	31.97	29.20	32.03	32.23	32.63	29.73	25.80	38.03	41.97	36.10	33.67	26.26	N/A	
CAM296	529527	183264	31.23		21.87	15.90				15.37	24.90	28.90	30.83	25.63	24.33	17.83	N/A	
CAM297	529601	183148	31.37	31.83	25.13	18.20	26.47	17.63		15.60	27.55	30.20	32.00	25.57	25.60	19.96	N/A	
CAM298	529555	182900	34.00	29.63	25.57	20.50	26.63	21.73	23.80	20.73	25.80	32.93	36.73	26.77	27.07	21.11	N/A	

CAM299	529717	182992	38.70	31.77	27.80	18.90	28.03	17.45	21.83	18.10	23.10	31.20	33.03	26.30	26.35	20.55	N/A	
CAM300	529815	182830	36.43	32.03	27.37	22.10	26.65	18.93	22.87	18.80	22.60	31.87	33.33	30.27	26.94	21.01	N/A	
CAM301	529802	182703	39.77	41.90	40.37	25.60	23.57	25.37	31.40	27.90	28.30	39.87	40.67	36.23	33.41	26.06	N/A	
CAM302	529949	182798	40.53	36.33	31.10	24.40		22.77	23.57	19.17	27.17	30.47	36.53	31.10	29.38	22.91	N/A	
CAM303	529887	182813	33.93	32.60	28.67	21.47	28.70	18.07	23.50	19.10	25.50	32.00	35.43	29.77	27.39	21.37	N/A	
CAM304	529786	183038	38.37	35.50	27.10	20.40	22.17	21.87		21.83	26.50	35.77	40.65	32.70	29.35	22.89	N/A	
CAM305	529987	183060	47.45	46.43	33.03	36.77	37.30	39.70	37.87	31.60	28.87	46.43		39.30	38.61	30.12	N/A	
CAM306	530231	183453	39.33	41.37			28.25	29.07	32.10		21.57	38.27	37.37	35.17	33.61	26.22	N/A	
CAM307	529874	184379		39.03	28.03	20.07	28.20	24.63	24.20	22.20	27.77	33.60	36.00	32.40	28.74	22.42	N/A	
CAM308	529515	184274		34.40	25.43	23.75	23.30	20.43		20.07	26.33	30.87	27.00	26.93	25.85	20.16	N/A	
CAM309	528687	185016	35.53	33.17	22.73	26.50		19.00	19.33	18.50	23.90	29.50	28.33	22.10	25.33	19.76	N/A	
CAM310	530149	181611	44.50	48.03	44.67	23.80	44.87	39.13	42.40	42.87	40.27	51.13	46.33	32.33	41.69	32.52	N/A	
CAM311	530250	181473	44.47	40.30	34.10	33.67	29.80	32.13	29.30	30.40	34.03	41.37	39.13	32.40	35.09	27.37	N/A	
CAM312	530414	181645	41.07	42.53	41.10	40.05	48.27	43.90	44.37	34.33	47.35	46.80	51.77	36.30	43.15	33.66	N/A	
CAM313	530429	181459	47.80	35.50	32.30	27.80	28.43	40.40	35.70	21.73	26.60	31.17	37.70	32.20	33.11	25.83	N/A	
CAM314	530608	181291	41.47	52.67	43.73	23.03		25.93	22.70	40.87	43.85	45.27	45.80	36.93	38.39	29.94	N/A	
CAM315	530755	181566	51.10	52.10	50.90	21.27	45.23	25.97	22.53	46.83	44.47	48.50	45.10	41.83	41.32	32.23	N/A	
CAM316	530573	181653	52.17		32.53	25.00	30.97		41.70	28.87	33.13	34.20	37.77	31.90	34.82	27.16	N/A	
CAM317	530743	181719	44.40	35.10	26.13	34.73	25.07	30.17	27.93	21.73	26.23	28.97		33.43	30.35	23.68	N/A	
CAM318	530845	181904	37.03	54.73	45.03	25.80	43.10	44.03	38.93	42.43	48.10	44.80	50.03	43.90	43.16	33.67	N/A	
CAM319	530529	182013	56.85	32.60	28.43		27.77		23.80			33.10	34.90		33.92	23.27	N/A	
CAM320	531321	182050	42.50	46.53	35.50	38.30	34.63	33.97	29.87	33.10	40.73	43.30	48.20	43.10	39.14	30.53	N/A	
CAM321	531223	182034	46.80	46.20		26.15	32.67	35.40		34.80	42.83	43.40	45.50	44.30	39.81	31.05	N/A	
CAM322	531160	182039	39.60	41.07	34.80	21.63	30.73	32.50	28.07	28.90	31.00	39.17	39.63	39.13	33.85	26.41	N/A	
CAM323	531012	181982	52.97	55.70	39.47	18.63	46.70	50.47	42.67	42.60	49.73	47.13	49.43	40.67	44.68	34.85	N/A	
CAM324	531092	182097	46.23	54.40		25.03	23.67	24.87	23.77	42.10	40.87	32.00	32.17	30.60	34.15	26.64	N/A	
CAM325	531123	182188	40.10	39.03	29.20		28.43	29.07	26.33	26.80	34.63	38.03	39.13	33.83	33.15	25.85	N/A	
CAM326	529042	183678		59.97		28.05	39.95	39.45	40.00	35.97	43.17	44.47	35.13	39.10	40.53	31.61	N/A	
CAM327	529011	184402		32.10	23.73	23.17	21.33	20.20	22.20	19.50	21.83	31.77	31.75	30.37	25.27	19.71	N/A	
CAM328	528379	183669		41.43	23.47	23.60	29.23	28.30	29.15	21.50	31.93	37.67	43.30	33.85	31.22	24.35	N/A	
CAM329	529231	183805		37.40	24.55	22.70		22.33	20.63	21.50	22.60	27.33	29.70	25.05	25.38	19.80	N/A	
CAM350	528998	182949			18.83		16.70	14.60	14.90	15.30	19.07	21.70		23.37	18.06	14.67	N/A	
CAM351	528945	182714			21.00	26.07	18.67	17.20	17.87	17.85	22.30	28.23	28.43	23.97	22.16	17.28	N/A	
CAM352	529081	182442			26.30	18.23	25.55	21.20	21.43	24.17	30.47	34.27	35.47	32.00	26.91	20.99	N/A	
CAM353	528836	182310			39.00	31.35	34.93	42.20	42.73	38.87	45.33	42.27	44.23	37.43	39.84	31.07	N/A	
CAM354	529207	182326			27.80	33.35	22.85	20.87	19.70		40.57	31.93	31.55	33.93	29.17	22.75	N/A	
CAM355	529224	182288			35.65	28.13	37.07	42.10	40.57	43.30	36.70	41.37	44.93	34.90	38.47	30.01	N/A	
CAM356	529303	182367			26.40	29.40	40.20	38.73	33.63	35.97	41.57	36.53	43.73	34.73	36.09	28.15	N/A	
CAM357	529308	182328			30.70	35.77	35.70	36.60	32.43				51.67		37.14	28.92	N/A	
CAM358	529760	182677			29.47	28.20	43.20	38.37			35.10	34.50	47.57	47.00	37.93	28.68	N/A	
CAM359	530224	182910				23.40	27.30				55.60	53.60	58.77	56.23	45.82	33.31	N/A	

CAM360	529749	182606			28.97	18.90	40.87	39.57	35.35	42.50	41.23	42.07	29.07	36.77	35.53	27.71	N/A	
CAM361	529617	182413			22.30	25.17	30.10	27.27	23.95	24.73	30.97	34.53	39.30	24.70	28.30	22.08	N/A	
CAM362	529646	182536			31.23	19.30		47.20	43.87	44.87	48.33	45.85	50.50		41.39	32.25	N/A	
CAM363	529070	182624			21.77	21.20	21.17	18.10	18.23	18.07	23.70	29.00	30.90	25.43	22.76	17.75	N/A	
CAM364	529455	183015			22.77	21.55	25.75	23.77	24.45	22.87	28.70	31.80	37.85	28.00	26.75	20.87	N/A	
CAM365	530331	183085			32.17	42.70	43.53		37.25		43.00		37.75	45.60	40.29	29.96	N/A	
CAM372	527452	185471								24.00	31.27	35.67	39.87	30.53	32.27	22.62	N/A	
CAM373	527682	185387								27.80	34.97	38.03	36.93	24.53	32.45	22.74	N/A	
CAM374	527612	185306								15.67	20.00	20.80	25.03	24.47	21.19	14.85	N/A	
CAM375	527558	185196								16.07	20.20	22.30	25.83	24.50	21.78	15.27	N/A	
CAM376	527773	185026								18.00	23.00	27.13	27.15	26.95	24.45	17.13	N/A	
CAM377	527739	184788								18.63	21.40	29.77	29.60	30.83	26.05	18.25	N/A	

☒ All erroneous data has been removed from the NO₂ diffusion tube dataset presented in Table .

☒ Annualisation has been conducted where data capture is <75% and >25% in line with LLAQM.TG19.

☐ Local bias adjustment factor used.

☒ National bias adjustment factor used.

☐ Where applicable, data has been distance corrected for relevant exposure in the final column.

☒ London Borough of Camden confirm that all 2024 diffusion tube data has been uploaded to the Diffusion Tube Data Entry System.

Notes:

Exceedances of the NO₂ annual mean objective of 40µg m⁻³ are shown in **bold**.

NO₂ annual means exceeding 60µg m⁻³, indicating a potential exceedance of the NO₂ 1-hour mean objective are shown in **bold and underlined**.

See Appendix A for details on bias adjustment and annualisation.

Appendix C Map(s) of Monitoring Locations and AQMAs

Figure D. Map of Non-Automatic Monitoring Sites

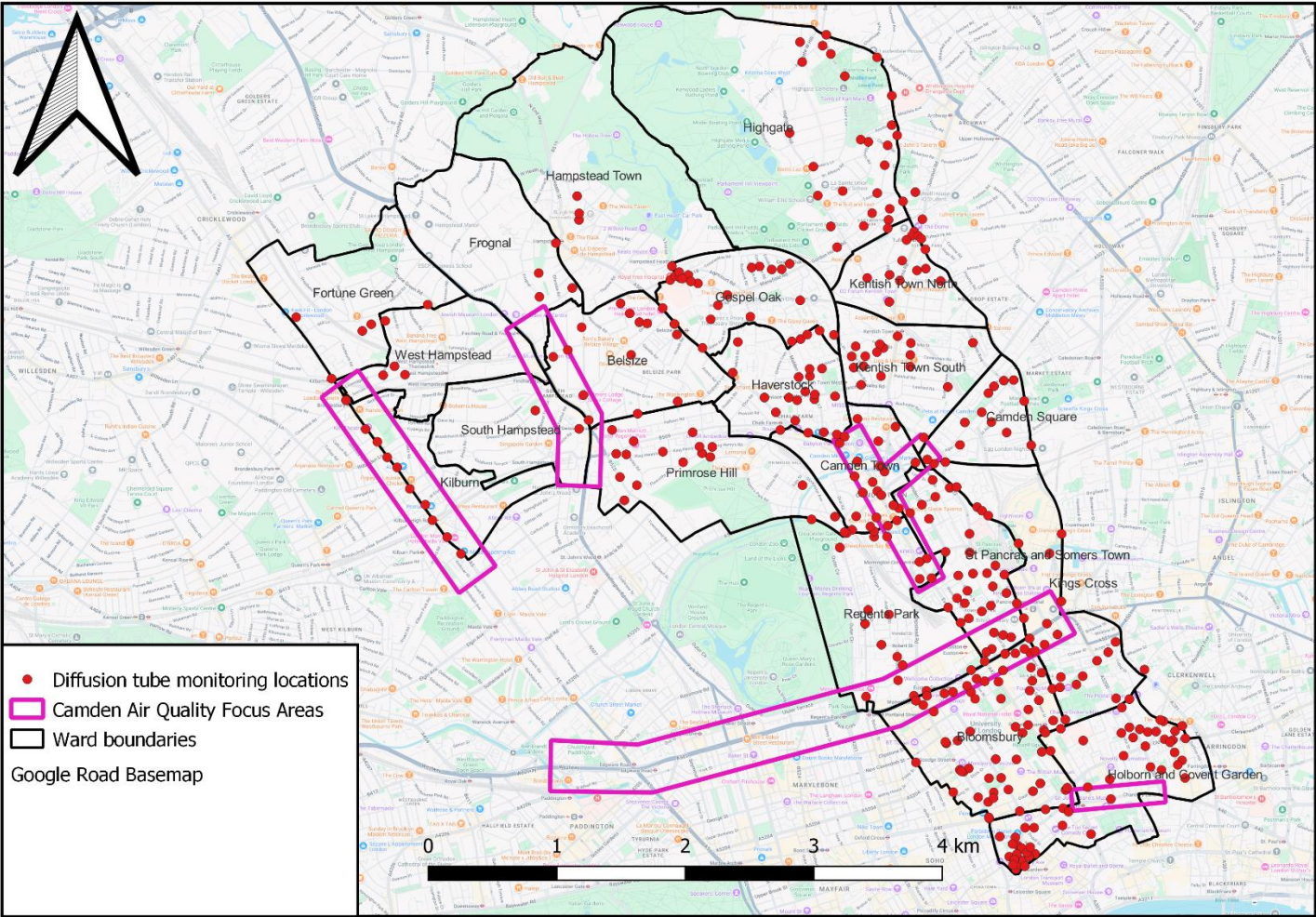


Figure E. Map of Automatic Monitoring Sites in Camden

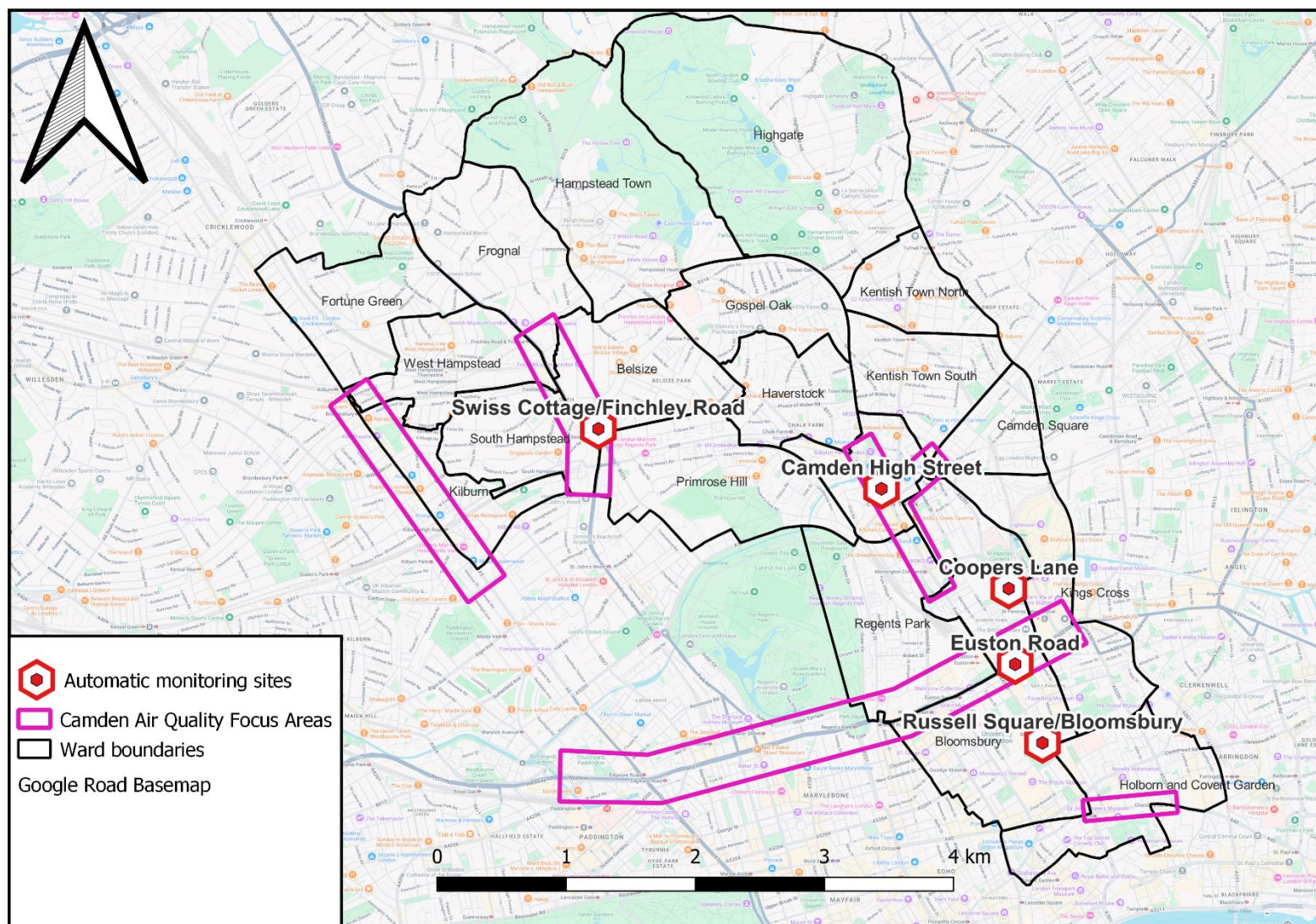


Figure C. Map of the Camden AQMA

