

Air Quality and Dust Monitoring Monthly Report – **May 2021**

London Borough of Camden



Department for Transport

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A report prepared by EWCs and MWCCs on behalf of HS2 Ltd.

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Monthly Summary

- 1.1.1 This Summary Report is published in fulfilment of commitments detailed in the High Speed Rail (London–West Midlands) Environmental Minimum Requirements, Annex 1: Code of Construction Practice, for the nominated undertaker to present the results of air quality and dust monitoring undertaken in the London Borough of Camden (LBC) during April and May 2021 respectively.
- 1.1.2 Figure 1 to Figure 4 in Appendix A indicate the current worksites together with air quality and dust monitoring locations.
- 1.1.3 This summary should be read in conjunction with the overview monitoring report available from www.gov.uk/government/collections/monitoring-the-environmental-effects-of-hs2, which highlights: the applicable standards and guidance, as well as the air quality and dust monitoring methodologies to be implemented by nominated undertakers throughout construction.
- 1.1.4 The current phase of works commenced within the LBC during December 2017 and is expected to be completed by July 2021. The next concurrent phase of construction works commenced in November 2019 and is expected to be completed by 2025. The current and planned worksites, include:

Costain Skanska Joint Venture (CSjv)

- Compound and Power Signal Box pile cap breakout and demolition works;
- Handover of Site Office and Welfare at 110-122 Hampstead Road to MDJV;
- Archaeological dig at St James' Gardens, groundworks and materials management, demobilisation of the site enclosure;
- Euston Street Walkden and Wolfson House demolition and groundworks; and
- Utilities ground excavation works on Harrington Street, Stephenson Way, and North Gower Street.

Skanska Costain Strabag Joint Venture (SCSjv)

- Adelaide Road Vent Shaft –Concreting and utilities works, vegetation clearance and groundworks;
- Vehicle Holding Area - concrete slab works, new accommodation deployment and fitout;
- Site office and welfare ground works, concrete slab construction and services by Granby Terrace Bridge;
- Euston Scissor Cut – groundworks, piling operations and materials management;
- Euston Throat Retained Cut groundworks, piling operations, utilities diversion works and materials management; and
- Hampstead Road Bridge – mobilisation and site setup.

Mace Dragados Joint Venture (MDjv)

ITR:

- Trial holes dug in the Euston Road footpath;
- Continuation of haul road construction;
- Installation of hoarding along southern, eastern and northern sides; and
- Installation of two vehicle access gates.

TSS:

- Completion of initial JGL mobilisation of site M&E electrical stores and services;
- Delivery of plant, 8T crawler, telehandler, MEWP and excavator; and
- Set up of all services, ventilation and instal jacking systems for caisson, excavate two rings.

Tower Demolition:

- Temporary works: racking of props under south ramp and retention of the wall in the south and east;
- Propping in basement;
- Removal of cabins;
- Setting up internal hoarding lights;
- Noise protection gantry set up; and
- Ground floor preparation prior to demolition.

Maria Fidelis

- Trial Holes dug on the playground.

Main Site (NTH)

- Piles cropping; and
- Excavation Works to support Upper Wall works.

Ground Investigation:

Main Site

- Completion of drilling and installation of pile inclinometer reservation tube; and
- Core logging and photographing activities, and GI support in the GI compound on the main site.

Doric Way

- Hoarding installation;
- Digging inspection pits for three boreholes;
- Cable percussion drilling; and
- Rotary drilling.

1.1.5 Twenty-three (23) dust monitors are installed around worksites, where demolition, groundworks and materials management are underway. These sites returned a medium or high dust risk rating.

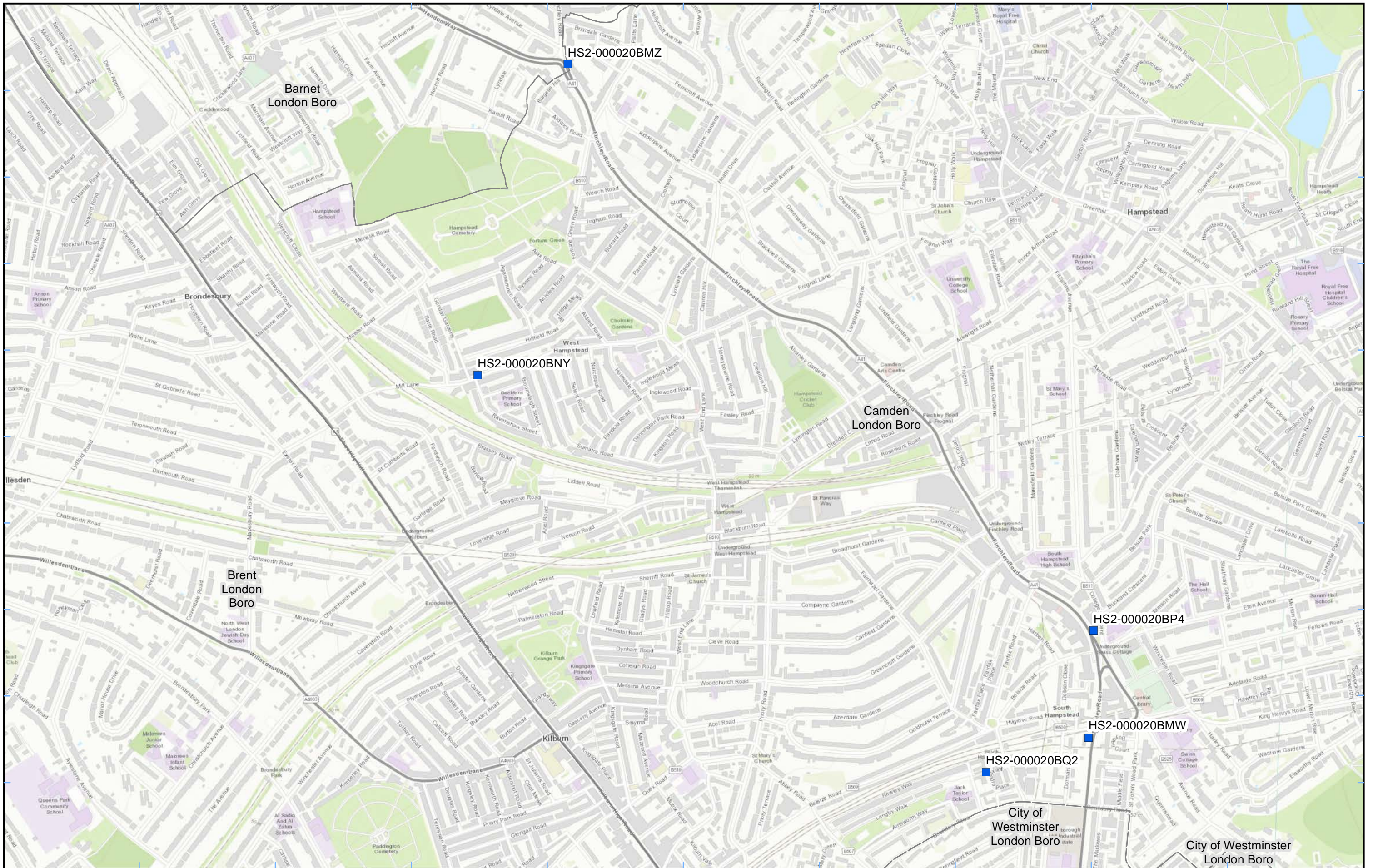
- 1.1.6 Dust monitoring locations and results are presented in Appendix B, Table 2, together with line charts of monthly data from each dust monitor in Figure 4. All continuous dust monitoring is undertaken using indicative monitors. Despite being Environment Agency (MCERTS) certified, indicative monitors carry a higher level of uncertainty than reference monitors, and therefore cannot be strictly compared with Air Quality Standards for human health and the environment. The purpose of the monitoring undertaken is to ensure the effectiveness of the on-site mitigation.
- 1.1.7 The trigger level for PM₁₀ concentrations of 190 µg/m³, over a 1-hour period, in accordance with the updated guidance document '*Guidance on Monitoring in the Vicinity of Demolition and Construction Sites – (October 2018)*' has been applied.
- 1.1.8 There were multiple dust trigger alerts recorded during the monitoring period (May 2021), predominantly linked to routine monitor servicing. Triggers are presented in Appendix B, Table 3. All other results were in line with the expected ranges.
- 1.1.9 Data capture for monitor AQ002, AQ011 AQ016, AQ018 and AQ021 was below 90% for the month of May 2021 due to a fault with the monitor over the course of the month. Data capture for AQ011 and AQ013 was below 90% due to a loss of power. Data capture for monitor AQ003 was below 90% due to a fault with the transformer, which was fixed on the 21st May 2021. All faults and power interruptions have been fixed and are being closely monitored.
- 1.1.10 Diffusion tube monitoring of Nitrogen Dioxide (NO₂) is undertaken at sixty-four (64) locations around highways within the LBC as part of the management of air quality where significant effects may occur as a result of the scheme.
- 1.1.11 Diffusion tube monitoring results are provided from the laboratory analysis, and therefore still require various analysis and adjustments to be undertaken. Final corrected results will be presented and described in the annual report.
- 1.1.12 NO₂ monitoring locations and results are presented in Appendix C, Table 4, together with the 2021 running mean.
- 1.1.13 Table 1 provides a summary of the complaint information related to dust or air quality received during the reporting period, together with the findings of any related investigations.

Table 1: Summary of complaints received during May 2021

Complaint Reference No.	Worksite Reference	Description of complaint	Results of investigation
HS2-21-42036-C	N/A	A complaint was received during the month around ongoing dust concerns in the area.	Mitigations set out in the Code of Construction Practice continue to be implemented across all sites as a means to reduce impacts to surrounding communities in proximity to the works. Furthermore, monitors are in place to monitor the dust and pollution levels, and ensure effective mitigation is in place.

Appendix A – Worksites and Monitoring Locations

Figure 1 to Figure 4: Worksites and monitoring locations within the LBC



Legend
 Diffusion Tube
 District Borough Unitary Boundaries

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Map Number
 Map Name
Monitoring Locations In LBC (Sheet 1)
London Borough of Camden

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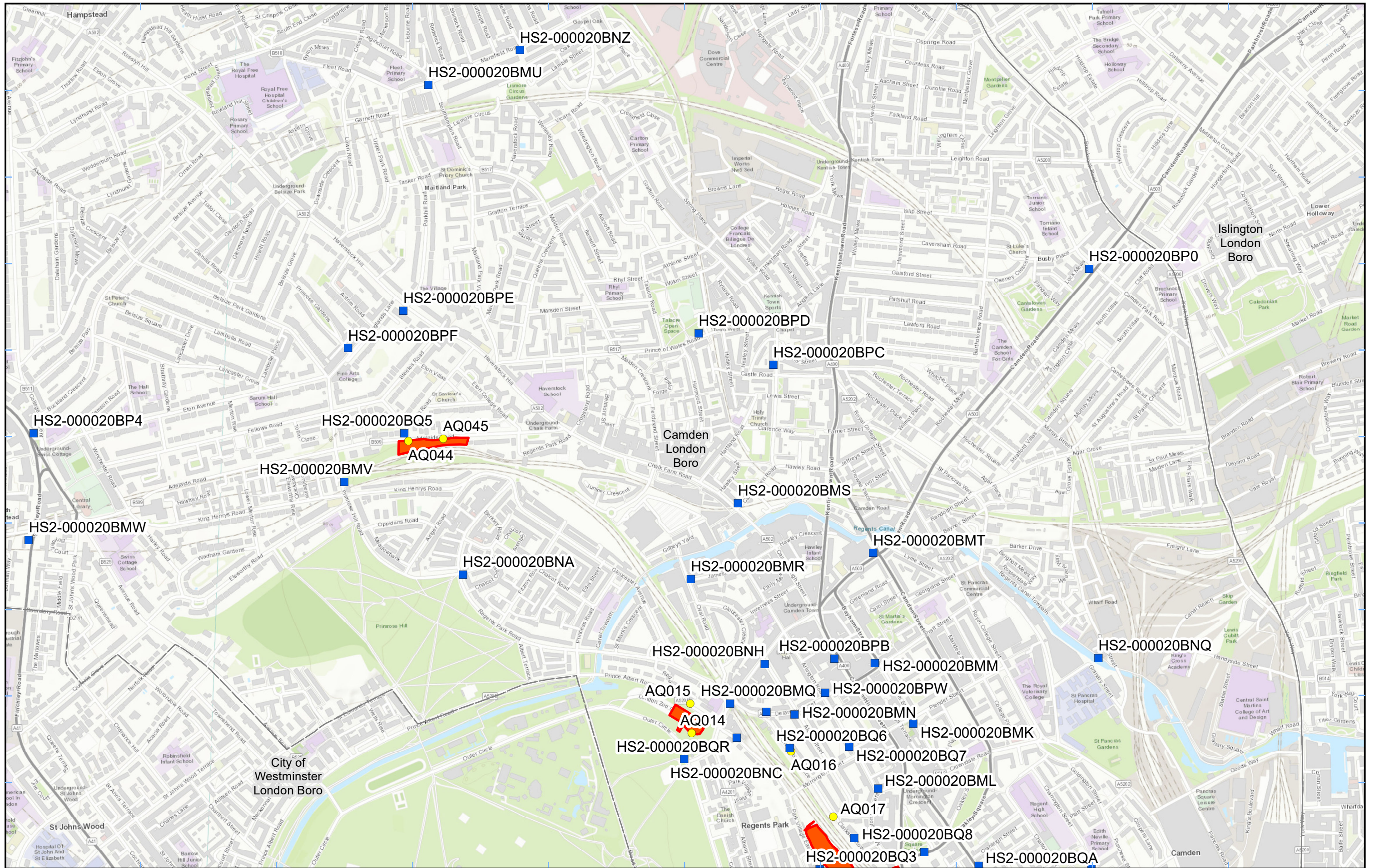
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Legend

- Diffusion Tube
- Worksite
- Dust Monitor
- District Borough Unitary Boundaries

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Map Number
 Map Name
**Worksite and Monitoring Locations
 In LBC (Sheet 2)**
 London Borough of Camden



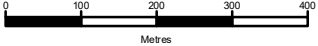
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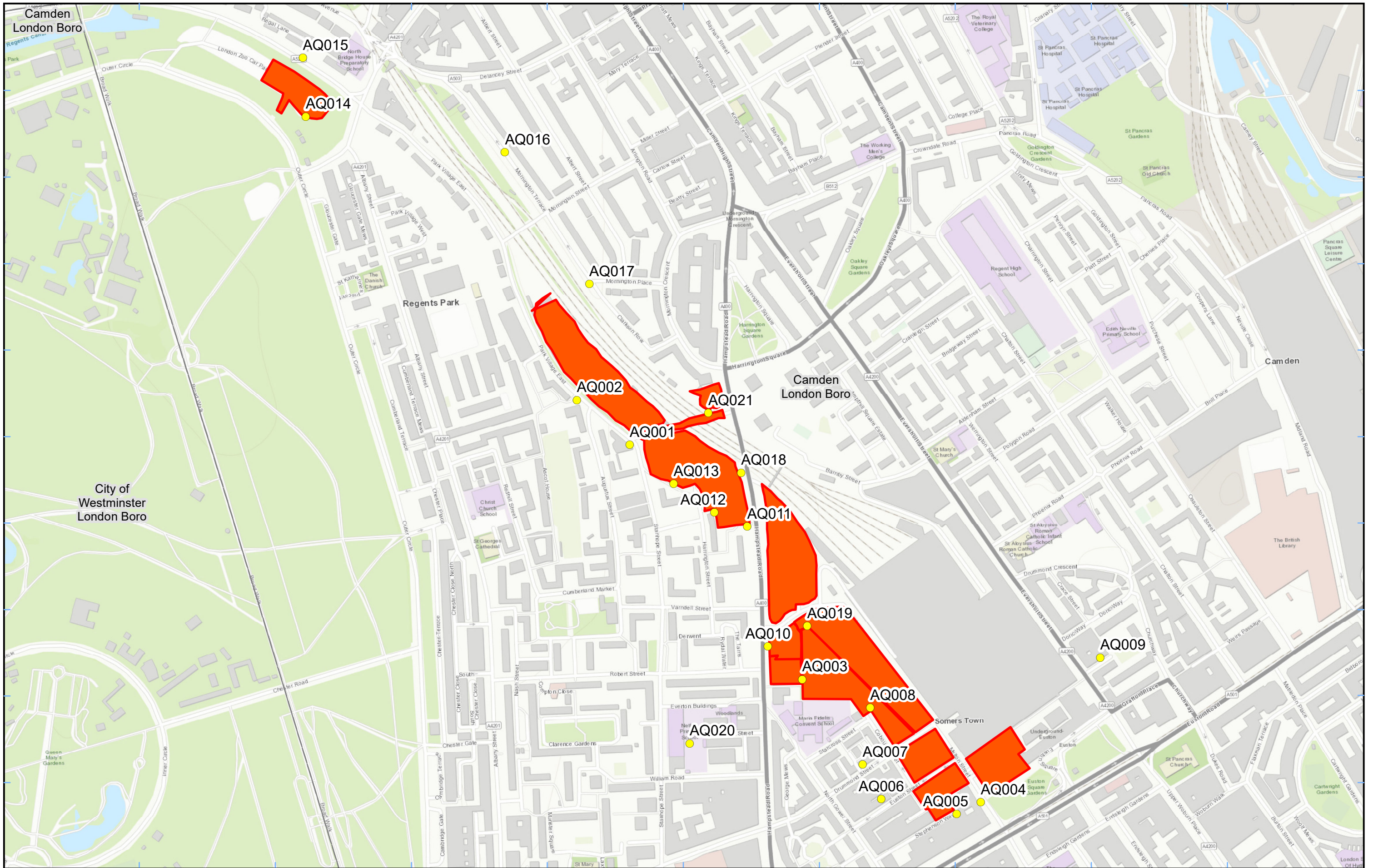


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Date: 27/01/21




Legend

- Dust Monitor
- District Borough Unitary Boundaries
- Worksite

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Map Number
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Worksite and Dust Monitoring Locations In LBC (Sheet 3)
London Borough of Camden



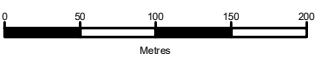
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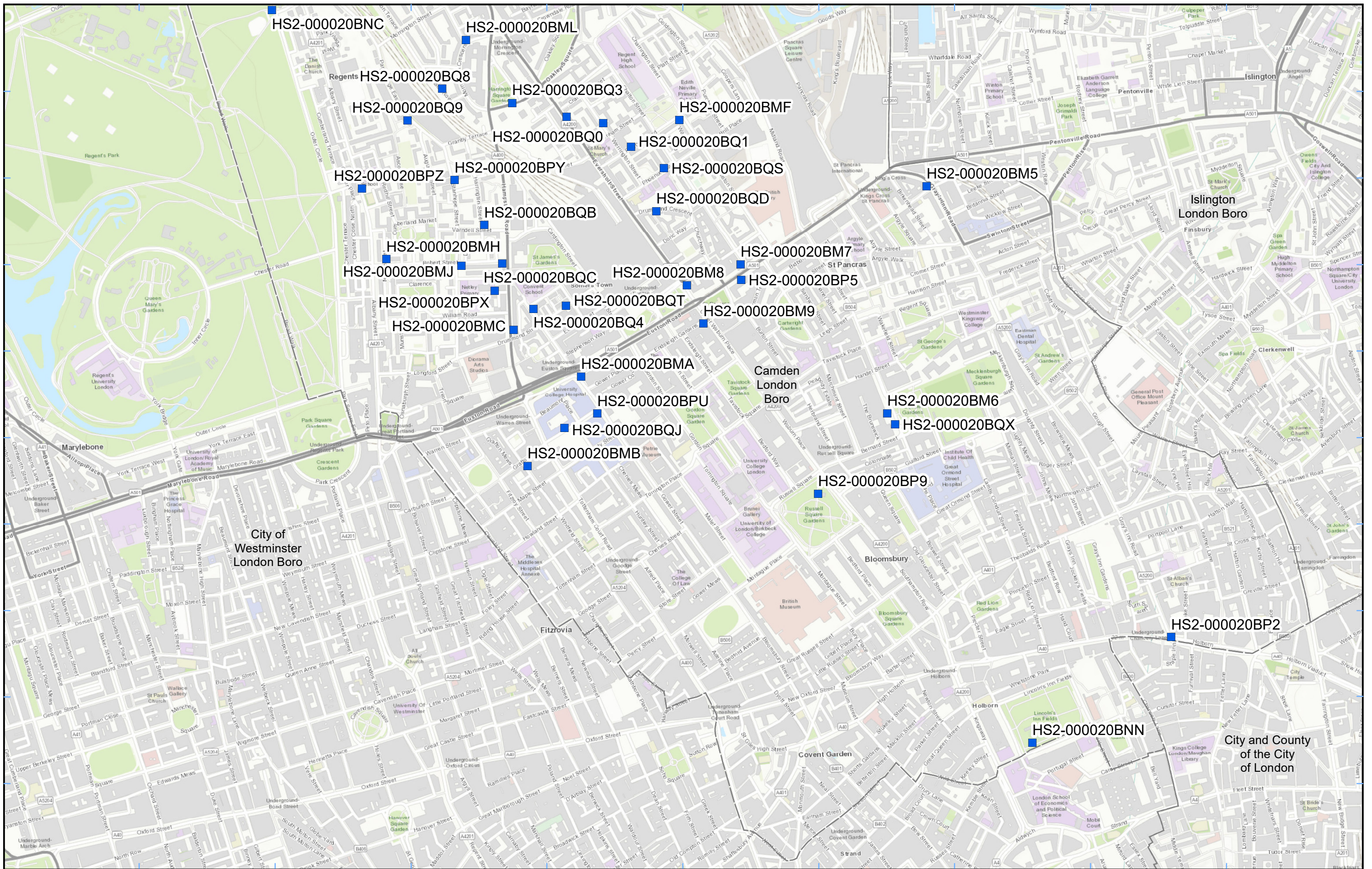


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Date: 27/01/21



Legend
 ■ Diffusion Tube
 □ District Borough Unitary Boundaries

Map Number
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**DT Monitoring Locations In LBC
 (Sheet 4)**
London Borough of Camden

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Appendix B – Dust Monitoring Results

Table 2: Dust monitoring locations and May 2021 Results

Monitoring site ID	Coordinates (X,Y)	Location description	Dust risk rating for site	Monitoring site active during period	Change to site since previous period report	Mean 1-hour PM ₁₀ concentration (µg/m ³)	Minimum 1-hour PM ₁₀ concentration (µg/m ³)	Maximum 1-hour PM ₁₀ concentration (µg/m ³)	Number of 1-hour periods exceeding trigger level of 190 µg/m ³	Data capture (%)
AQ001	529022, 183040	Junction of Park Village East, Stanhope Street and Granby Terrace	M	Yes	N	10.3	1.6	63.5	0	100.0
AQ002	528945, 183105	Park Village East	M	Yes	N	9.3	1.6	68.2	0	89.0
AQ003	529273, 182698	St James' Gardens	M	Yes	N/A	7.4	1.9	23.0	0	75.5
AQ004	529533, 182519	Melton Street	H	Yes	N/A	14.6	2.8	76.4	0	97.0
AQ005	529498, 182502	Stephenson Way	H	Yes	N/A	10.8	1.8	53.4	0	100.0
AQ006	529388, 182524	Euston Street	H	Yes	N/A	8.5	1.5	31.4	0	100.0
AQ007	529361, 182574	Drummond Street	H	Yes	N/A	9.1	1.5	53.4	0	100.0
AQ008	529372, 182657	Cobourg Street	H	Yes	N/A	14.6	2.1	85.0	0	100.0
AQ009	529707, 182730	Eversholt Street	H	Yes	N/A	9.6	1.9	34.0	0	100.0
AQ010	529223, 182746	Hampstead Road South	M	Yes	N/A	16.7	2.1	85.8	0	100.0
AQ011	529193, 182921	Hampstead Road	M	No	N	12.1	2.1	68.3	0	88.4

Monitoring site ID	Coordinates (X,Y)	Location description	Dust risk rating for site	Monitoring site active during period	Change to site since previous period report	Mean 1-hour PM ₁₀ concentration (µg/m ³)	Minimum 1-hour PM ₁₀ concentration (µg/m ³)	Maximum 1-hour PM ₁₀ concentration (µg/m ³)	Number of 1-hour periods exceeding trigger level of 190 µg/m ³	Data capture (%)
AQ012	529145, 182941	Rear of Coniston House	M	Yes	N	9.9	1.5	135.5	0	99.6
AQ013	529086, 182983	Regents Park Estate	M	Yes	N	29.9	3.0	970.1	6	80.3
AQ014	528550, 183518	Vehicle Holding Area	L	Yes	N	6.5	1.5	48.2	0	98.9
AQ015	528546, 183604	Prince Albert Road	L	Yes	N	3.0	0.4	14.7	0	100.0
AQ016	528840, 183466	Mornington Terrace North	M	Yes	N	11.0	1.9	109.1	0	89.0
AQ017	528963, 183274	Mornington Terrace South	M	Yes	N	9.2	1.8	33.9	0	100.0
AQ018	529184, 182999	Hampstead Road North	M	Yes	N	8.4	1.6	39.6	0	89.1
AQ019	529280, 182776	Park Village East (North)	M	Yes	N	5.6	1.2	20.6	0	100.0
AQ020	529109, 182605	Netley School	n/a	Yes	N/A	7.7	1.5	26.2	0	100.0
AQ021	529136, 183086	Site compound at the Junction of Hampstead Road & Granby Terrace Bridge.	M	Yes	N	7.9	2.7	26.1	0	31.8
AQ044	527725, 184369	Adelaide Road Vent Shaft (west)	M	Yes	N	3.6	0.0	28.9	0	94.8
AQ045	527826, 184375	Adelaide Road Vent Shaft (east)	M	Yes	N	17.1	1.9	374.1	5	90.0

Table 3: Summary of exceedances of trigger level in May 2021

Monitoring Site ID	Period of trigger alert & Concentration recorded	Investigation	Outcomes / Resolution / Remedial measures implemented
AQ013 Euston Throat Retained Cut	04/05/2021 16:00 – 17:00: 694.4 µg/m ³	<p>At the time of the trigger alert from dust monitor (AQ013), which is located on the southwestern boundary of the Euston Throat Retained Cut (ETRC) site, concrete pouring activities were being carried at the new Granby Terrace Bridge welfare cabin about 50m away from the monitor. There were no piling operations occurring at the time but maintenance was being undertaken to the piling mat using an excavator, again a good distance away from the monitor.</p> <p>No dust emissions were observed during these activities and the ground conditions were damp after the rain in the afternoon and the previous day/night.</p> <p>Operations were already being shut down at the time of the trigger. The subsequent readings dropped and remained low. Nearby monitors, AQ001, AQ012 and AQ011, showed no elevated levels during the same period.</p> <p>It is considered unlikely that the works were the cause of the trigger given the significant elevated level which would have been visible to the site team.</p> <p>The trigger was potentially caused by loose debris in the monitor's inlet given the prolonged dry period over April and then the subsequent rain the previous/same day.</p>	<p>The monitors will be checked and serviced. The site team will continue to ensure dust suppression is available and deployed where required on site.</p>
AQ013 Euston Throat Retained Cut	10/05/2021 12:00-13:00: 487.2 µg/m ³	<p>There was an issue with the power supply to the monitor to which the electricians had to intervene. The monitor has now just been restarted and we received a trigger on its restart.</p>	<p>The monitors will be checked and serviced. The site team will continue to ensure dust suppression is available and deployed where required on site.</p>
AQ013 Euston Throat Retained Cut	11/04/2021 09:00 – 10:00: 518.5 µg/m ³ 11/04/2021 10:00 – 11:00: 685.7 µg/m ³	<p>At the time of the first trigger alert from dust monitor (AQ013), which is located on the western boundary of the Canterbury Road Vent Shaft site, concrete floor cutting using a handheld saw was being undertaken directly a few metres away from the monitor. Albeit dust suppression was being used on the cutter and visually successful the proximity of the monitor to the works meant it picked up the elevated levels in the immediate vicinity.</p> <p>Works subsequently continued with dust suppression in place, but a further trigger was received.</p>	<p>On receipt of the 1st trigger, works were stopped, and the area was damped down again before recommencing.</p> <p>By the time of the second trigger, works had already been completed.</p> <p>Subsequent monitored readings dropped to expected levels once again.</p> <p>The site team will continue to deploy dust suppression as required for works of a similar nature but also</p>

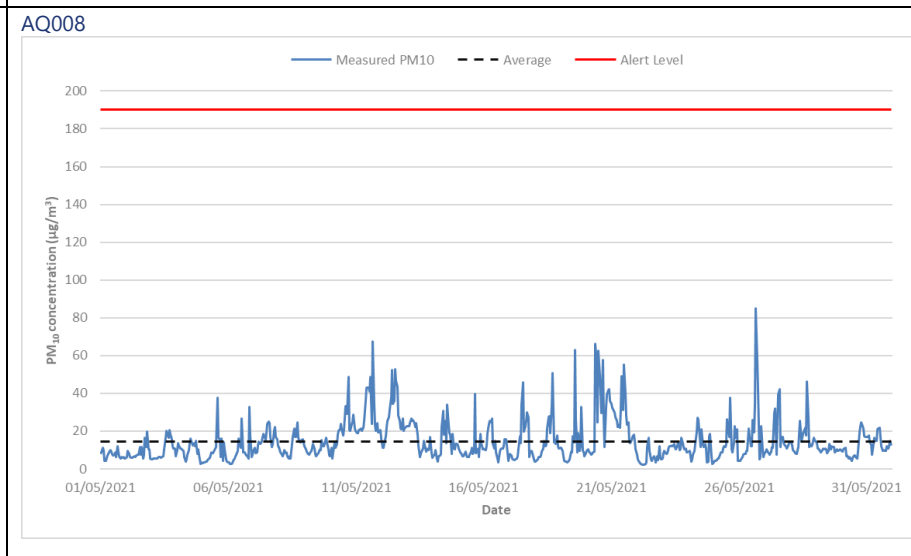
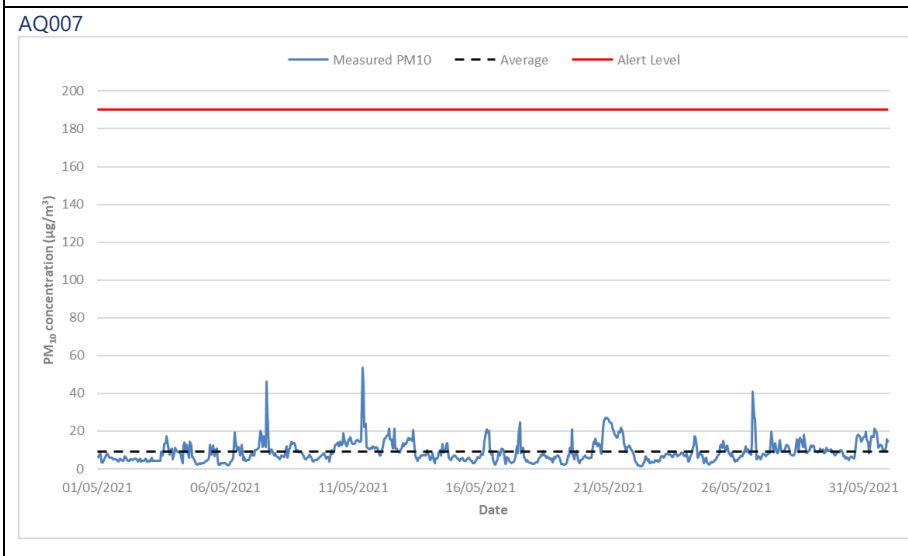
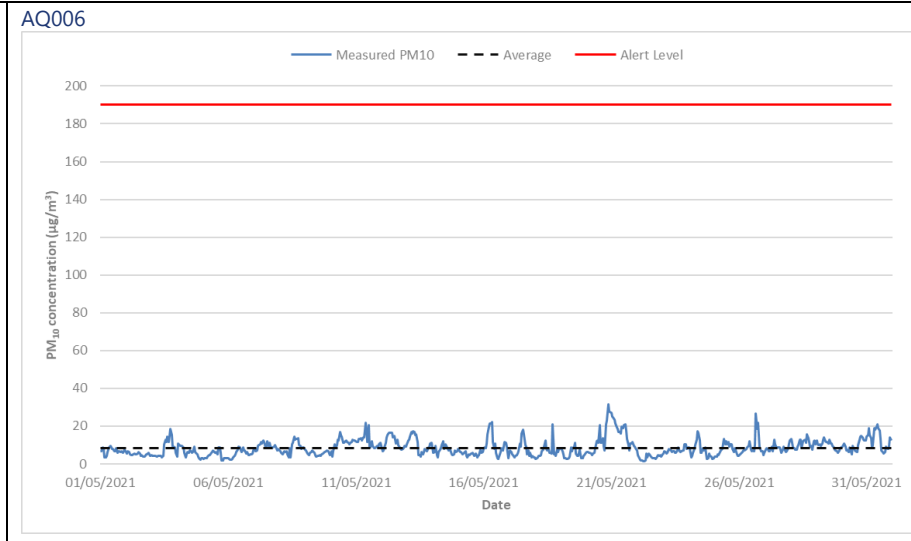
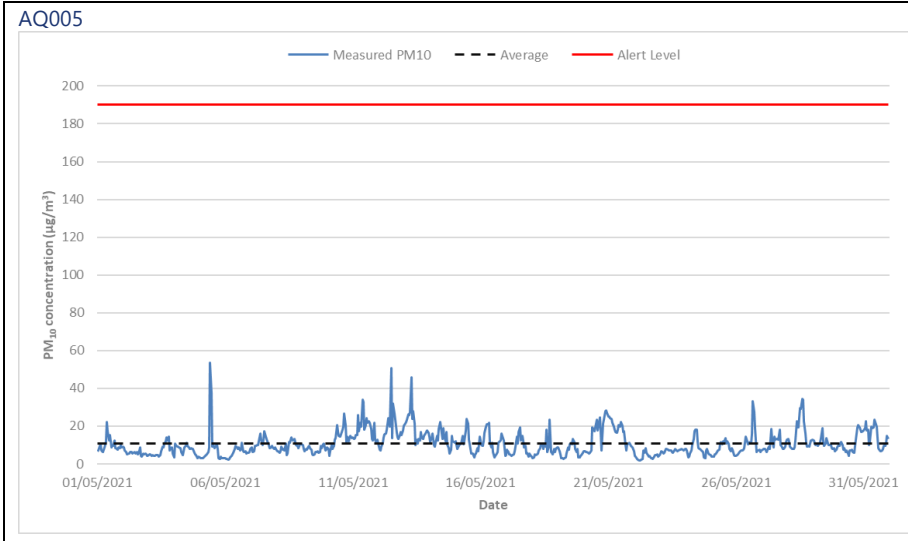
		<p>It is considered the elevated levels were confined to the immediate vicinity of works area (and the monitor). Nearby monitors AQ011, AQ011 and AQ012 showed no elevated during the same period.</p>	<p>explore alternative methodologies which we will feedback on.</p>
<p>AQ013 Euston Throat Retained Cut</p>	<p>19/05/2021 15:00-16:00: 970.1 µg/m³</p>	<p>At the time of the trigger alert from dust monitor (AQ013), which is located on the southwestern boundary of the Euston Throat Retained Cut (ETRC) site, there were no dusty activities occurring in the area near to the monitor.</p> <p>Piling operations occurring at the time, as well as cabin installation, were both a good distance >50m away from the monitor.</p> <p>No dust emissions were observed during these activities as ground conditions throughout the day were very wet and muddy across the vast majority of site given the rain the day before and, in the morning, albeit dryer in the afternoon. The area in front of the monitor is undisturbed, being used for storage at present.</p> <p>Earlier in the day there was a power loss to AQ011, AQ012 and AQ013. Whilst both AQ011 and AQ012 show no elevated levels, AQ013 shows an excessive spike presumably from loose debris in the inlet. It is also thought that the internal battery is not working (for short periods of power loss) given the erratic recent measurements from this monitor due to intermittent power losses.</p>	<p>Monitor AQ013 is being serviced and calibrated (annual calibration) in June 2021 and the internal battery will be checked and replaced if required.</p>
<p>AQ045 Adelaide Road Vent Shaft</p>	<p>19/05/2021 14:00 – 15:00: 210.1 µg/m³ 19/05/2021 16:00 – 17:00: 252.8 µg/m³</p>	<p>At the time of the trigger alert from dust monitor (AQ045), which is located towards the eastern boundary of the Adelaide Road Vent Shaft site, concrete and tarmac breakout was being undertaken in preparation for future cabin placement behind acoustic barriers set up for the works.</p> <p>The site conditions were wet due to the heavy rain in the morning and day before, albeit dryer in the afternoon. Water and dust suppression were being used during the operation which visually appeared to be working. The works have been progressively getting closer to the monitor over the last two days, as indicated by measured levels.</p>	<p>Dust suppression was observed to be successful and despite a pause in the works after the first trigger a second trigger was received.</p> <p>There is very limited width of workable space on the Adelaide Road (former path and some of the road) before the railway embankment which quickly slopes away. The dust monitor is currently on a stand within the works area and the proximity of these works to the monitor means it was within metres.</p> <p>There are approximately 2 days left of breakout and the site team will take a precautionary approach for its remainder and ensure dust suppression is readily available and deployed as required.</p>

<p>AQ045 Adelaide Road Vent Shaft</p>	<p>25/05/2021 14:00 – 15:00: 201.3 µg/m³ 26/05/2021 14:00 – 15:00: 374.1 µg/m³ 28/05/2021 14:00 – 15:00: 297.3 µg/m³</p>	<p>At the time of the trigger alert from dust monitor (AQ045), which is located on the eastern boundary of the Adelaide Road Vent Shaft site, there were machinery movements in the immediate vicinity of the monitor as materials are being moved around the east area of the site. Dust suppression was observed to be successful despite the trigger i.e. no observable elevated dust levels.</p> <p>Similarly, a second trigger occurred for vehicle movements next to the monitor the next day.</p> <p>A third trigger occurred for vehicle movements next to the monitor a couple of days later.</p>	<p>There continues to be very limited width of workable space on the Adelaide Road (former path and some of the road) before the railway embankment which quickly slopes away.</p> <p>The dust monitor is currently on a stand within the works area and the proximity of most site operations (even unavoidable machinery and materials movements) to the monitor means it remains within metres of most site activities in the area.</p> <p>Ground conditions are not dusty given the consistently wet weather over the past few weeks, albeit hardstanding area are drying out.</p> <p>The site team continue to deploy dust suppression as required at the start of the working shift and this is reviewed throughout the day and by activity.</p> <p>Additional jet washes have been ordered (as the site is not suitable to deploy dust canons or large dust suppression given the size) and additional road sweeper circuits are to be implemented both on and off site.</p> <p>Once the site layout is finalised in the coming months a longer-term monitor location will be found which will allow monitoring of more representative wider site activities rather than ones immediately next to the monitor.</p>
<p>AQ013 Euston Throat Retained Cut</p>	<p>26/05/2021 14:00 – 15:00: 196.2 µg/m³</p>	<p>Similar to the dust trigger on the 19th May, at the time of the trigger alert from dust monitor (AQ013), which is located on the south western boundary of the Euston Throat Retained Cut (ETRC) site, there were no dusty activities occurring in the area near to the monitor.</p> <p>Piling operations continue, as well as cabin installation and both a good distance >50m away from the monitor.</p> <p>No dust emissions were observed during these activities as ground conditions remain damp given the recent and prolonged wet weather albeit slowly drying out. The area in front of the monitor remains undisturbed, being used for storage at present.</p> <p>Over the preceding days there has been power interruptions to dust monitors AQ011, AQ012 and AQ013. AQ011 has shown loss of data but no elevated levels. AQ012 and AQ013</p>	<p>Monitor AQ013 is being serviced and calibrated (annual calibration) in June 2021 and the internal battery will be checked and replaced if required.</p>

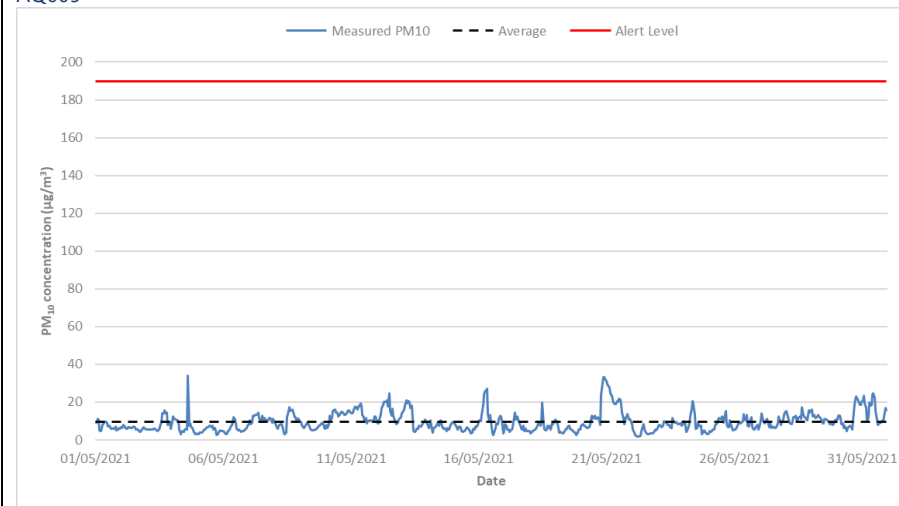
		have shown no interruptions in data but AQ013 shows a spike on this occasion presumably from loose debris in the inlet. It is also thought that the internal battery is not working (for short periods of power loss) given the erratic recent measurements from this monitor due to intermittent power losses.	
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Figure 4: Construction dust 1-hour mean indicative PM₁₀ concentration for dust monitors

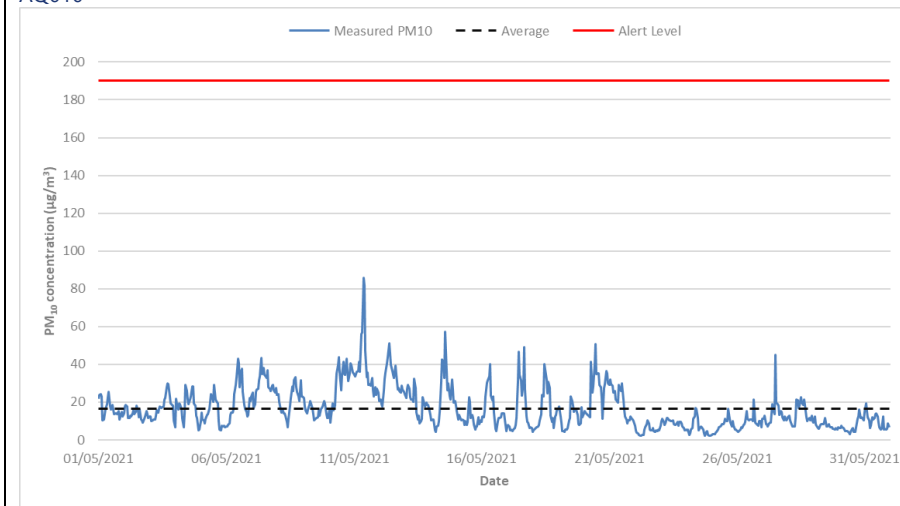




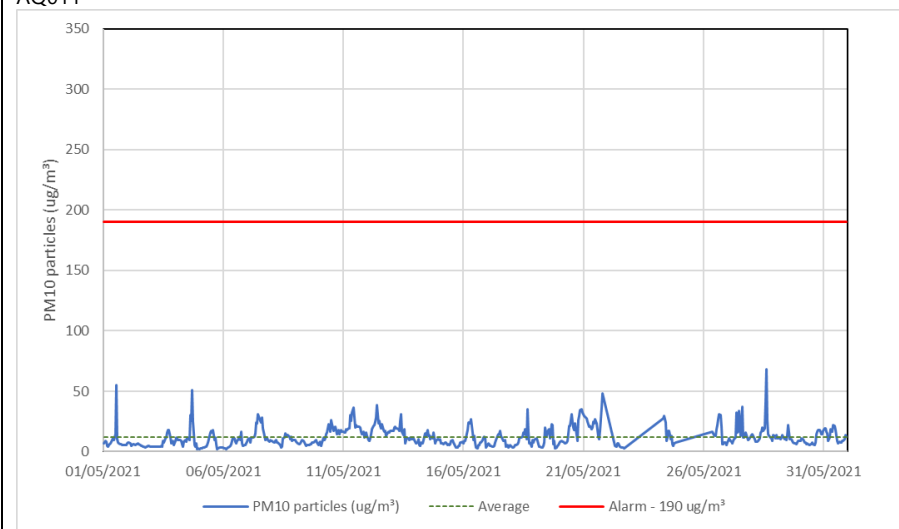
AQ009



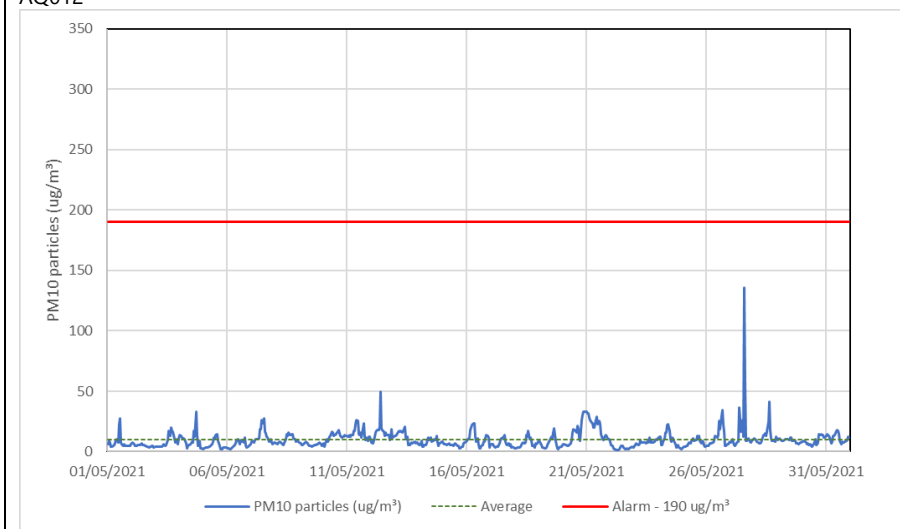
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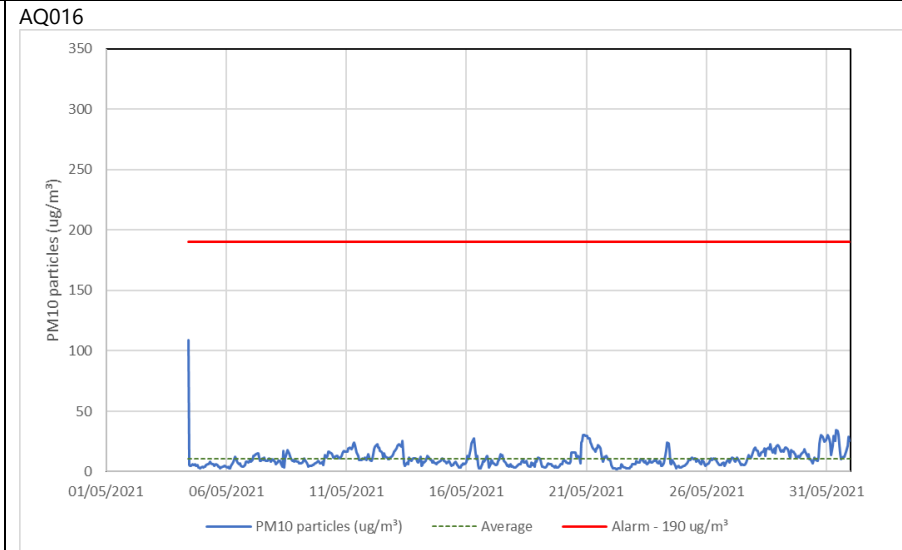
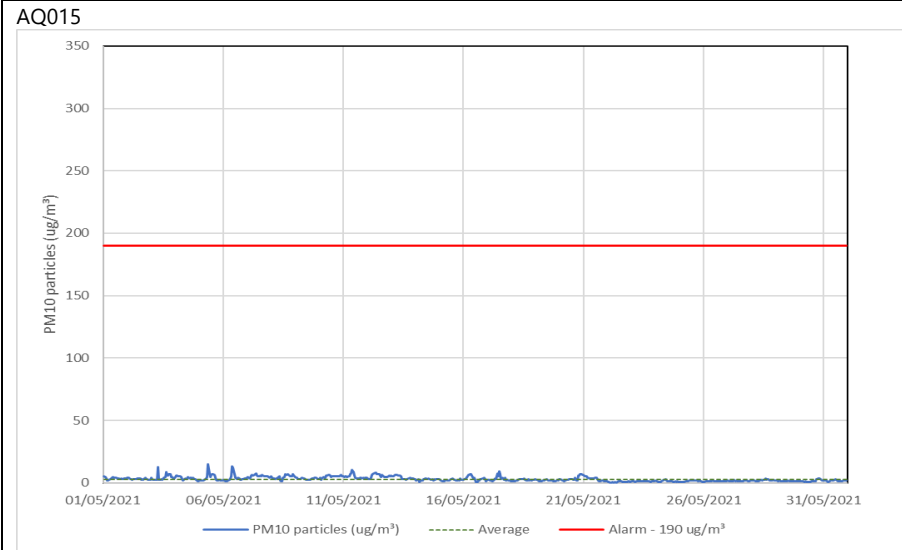
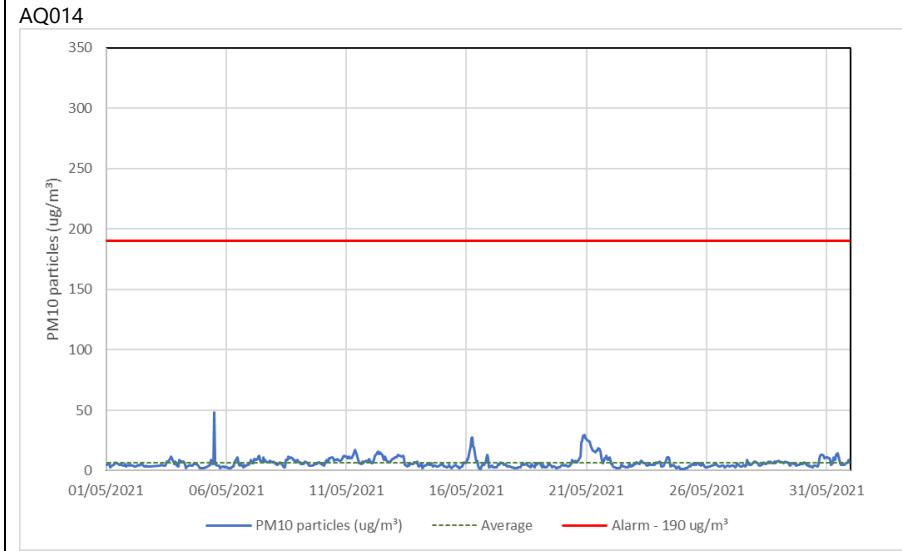
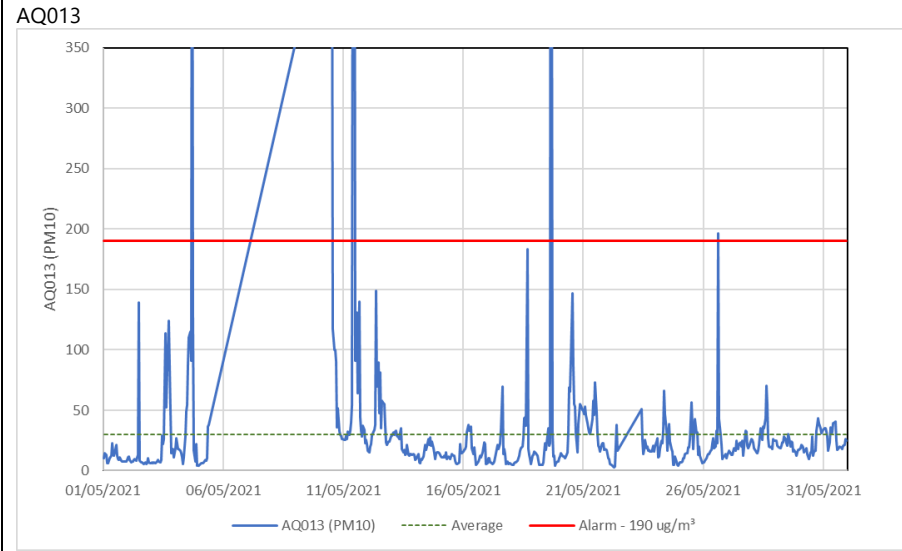


AQ011

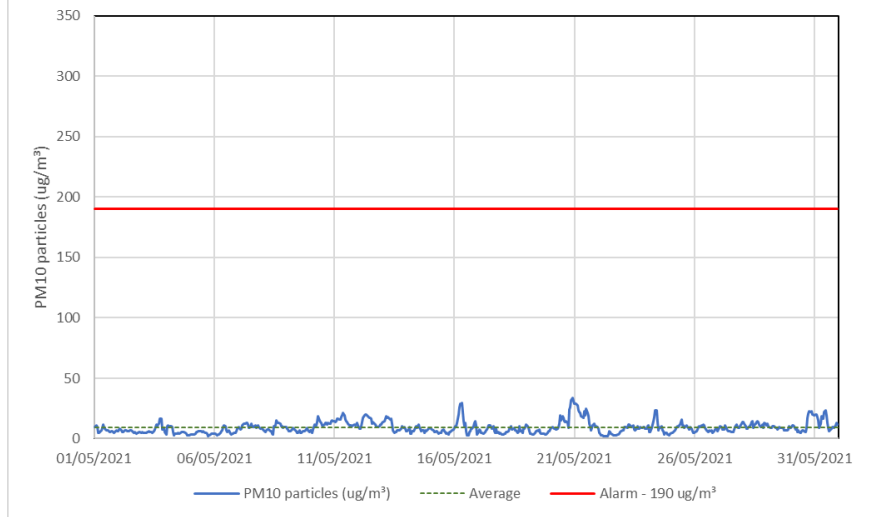


AQ012

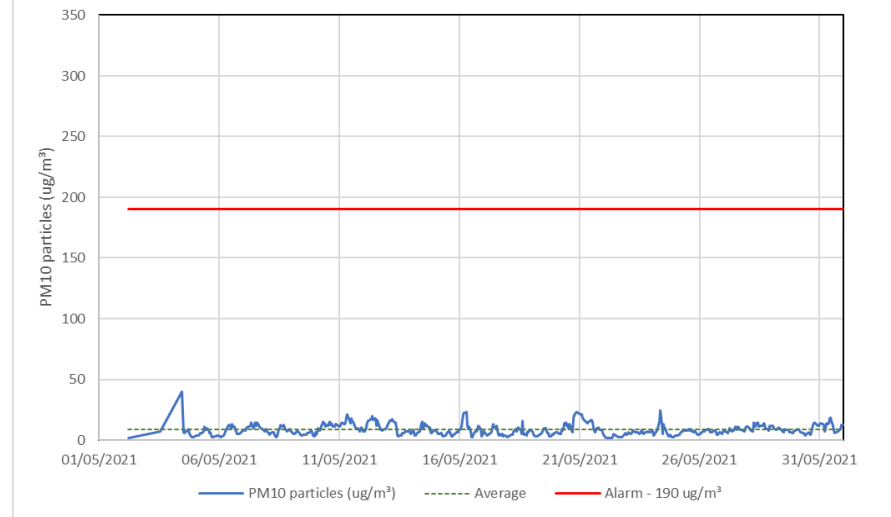




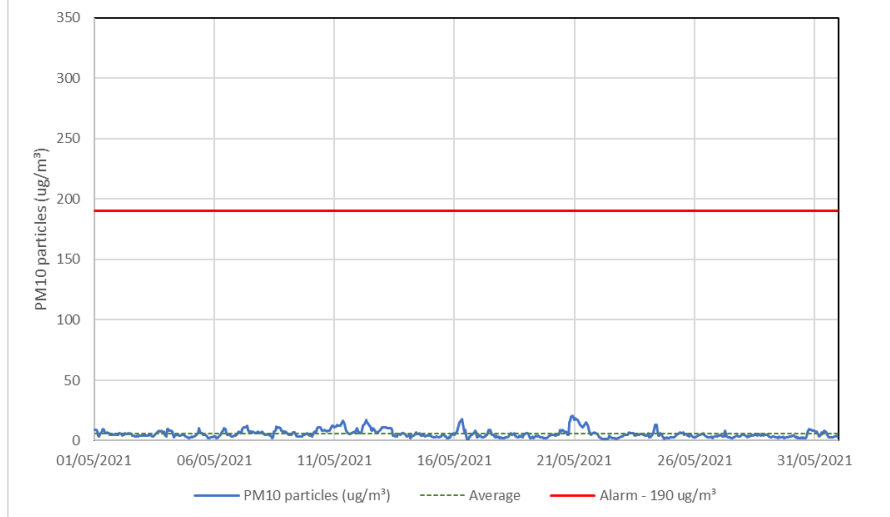
AQ017



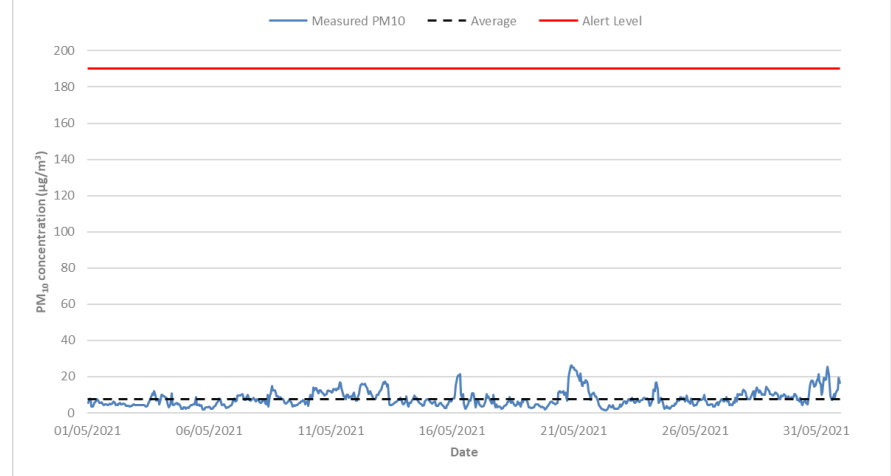
AQ018



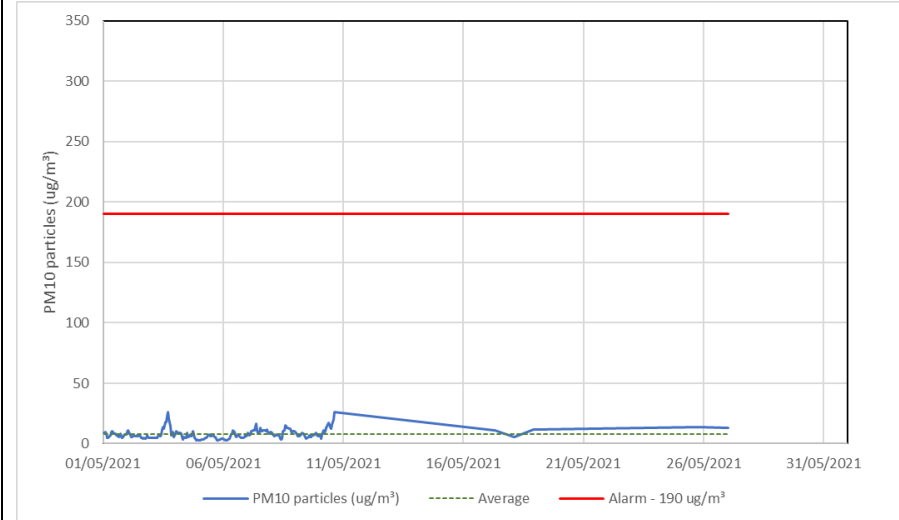
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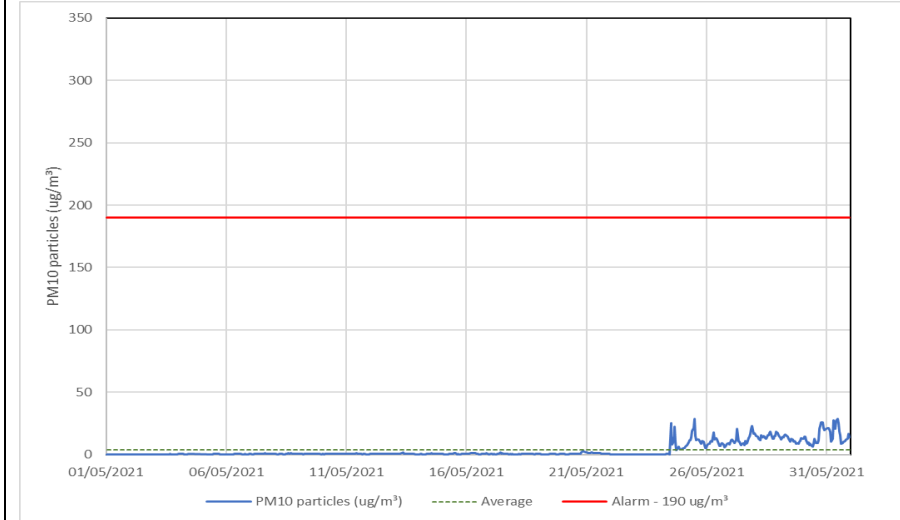
AQ020



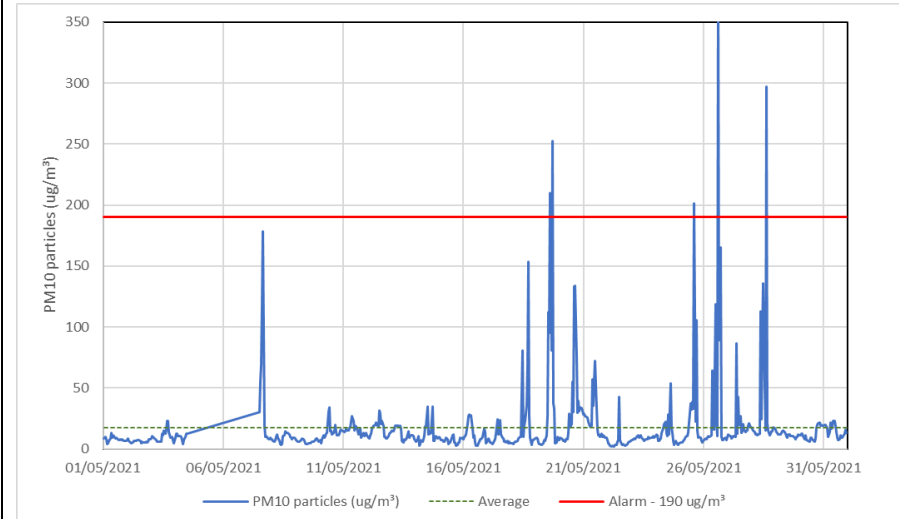
AQ021



AQ044



AQ045



Appendix C – Air Quality Monitoring Results

Table 4: NO₂ monitoring locations around highways, NO₂ concentrations and monthly monitoring results with running mean for 2021 (µg/m³)

Monitoring Site ID	Location description	Coordinates (X, Y)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean ₁
HS2-000020BM5	Junction of St Chad's Street and Grays Inn Road	530436, 182929	50	41	39	38									42
HS2-000020BM7	Chalton Street	529894, 182702	53	57	48	Tube Missing									53
HS2-000020BM8	Junction of Euston Square and Grafton Place	529737, 182641	58	60	48	45									53
HS2-000020BM9	Junction of Endsleigh Gardens and Upper Woburn Place	529785, 182529	52	48	43	46									47
HS2-000020BMA	Junction of Euston Road and Gower Street	529429, 182375	53	47	44	42									46
HS2-000020BMB	Whitfield Street	529273, 182114	44	45	37	39									41
HS2-000020BMC	Hampstead Road	529232, 182511	68	73	65	67									68
HS2-000020BMF	Junction of Polygon Road and Ossulston Street	529715, 183123	38	37	28	34									34
HS2-000020BMH	Nash Street	528861, 182717	39	38	30	30									34
HS2-000020BMJ	Junction on Robert Street and Stanhope Street	529080, 182698	37	39	33	36									36
HS2-000020BMK	Junction of Plender Street and Bayham Street	529196, 183546	50	51	44	47									48

¹ Note: to aid interpretation and conform with best practice, the monthly measurements in this table are reported rounded to the nearest whole number. The annual mean presented here is calculated based on laboratory data to 4 significant figures, rounded to a whole number, and therefore may differ slightly to a mean derived from averaging the rounded monthly measurements in the table.

Monitoring Site ID	Location description	Coordinates (X, Y)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean ₁
HS2-000020BML	Junction of Arlington Road and Mornington Crescent	529093, 183356	42	38	31	32									36
HS2-000020BMM	Junction of Bayham Street and Pratt Street	529084, 183722	57	50	49	44									50
HS2-000020BMN	Junction of Delancey Street and Albert Street	528850, 183573	Tube Missing	38	38	34									37
HS2-000020BMQ	Junction of Parkway and Delancey Street	528662, 183604	46	47	41	47									45
HS2-000020BMR	Junction of Oval Road and Jamestown Road	528548, 183967	39	33	36	32									35
HS2-000020BMS	Junction of Chalk Farm Road and Castlehaven Road	528685, 184188	50	43	40	42									44
HS2-000020BMT	Junction of Camden Road and Camden Street	529079, 184043	50	49	49	50									49
HS2-000020BMU	Junction of Southampton Road and Fleet Road	527783, 185407	40	38	36	37									38
HS2-000020BMV	Primrose Hill Road	527538, 184250	41	37	30	31									35
HS2-000020BMW	Junction of Finchley Road and Hilgrove Road	526619, 184081	50	51	45	53									50
HS2-000020BMZ	Junction of Finchley Road and Hendon Way	525102, 186042	Tube Missing	Tube Missing	50	64									57
HS2-000020BNA	Junction of Regent's Park Road and Rothwell Street	527884, 183980	40	33	26	27									32
HS2-000020BNC	Junction of Outer Circle and Gloucester Gate	528528, 183443	32	32	26	29									29
HS2-000020BNH	Junction of Parkway and Albert Street	528763, 183720	42	36	Tube Missing	36									38

Monitoring Site ID	Location description	Coordinates (X, Y)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean ₁
HS2-000020BNN	Lincoln's Inn Fields	530744, 181308	38	33	29	28									32
HS2-000020BNQ	Camley Street	529735, 183737	Tube Missing	50	37	38									41
HS2-000020BNI	Junction of Mill Lane and Hillfield Road	524839, 185136	48	43	39	44									43
HS2-000020BNZ	Mansfield Road	528050, 185508	38	37	29	29									34
HS2-000020BP0	Junction of Camden Road and Torriano Avenue	529708, 184871	52	56	50	45									51
HS2-000020BP2	Junction of Grays Inn Road and Holborn	531149, 181616	39	32	32	35									34
HS2-000020BPB	Camden High Street	528966, 183735	69	Tube Missing	56	55									60
HS2-000020BPC	Castlehaven Road	528788, 184591	43	37	29	27									34
HS2-000020BPD	Prince of Wales Road	528571, 184683	39	33	25	25									30
HS2-000020BPE	Haverstock Hill	527710, 184749	44	38	36	34									38
HS2-000020BPF	Junction of Primrose Gardens and England's Lane	527549, 184640	43	40	30	33									37
HS2-000020BPU	Junction of Gower Street and Grafton Way	529476, 182267	Tube Missing	43	39	38									40
HS2-000020BPW	Junction of Delancey Street and Arlington Road	528939, 183637	39	40	39	43									40
HS2-000020BPX	Netley Street	529177, 182625	44	40	34	38									39
HS2-000020BPI	Stanhope Street	529060, 182947	38	32	32	33									34
HS2-000020BPZ	Albany Street	528790, 182923	39	35	33	34									35

Monitoring Site ID	Location description	Coordinates (X, Y)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean ₁
HS2-000020BQ0	Werrington Street	529493, 183113	38	34	28	25									31
HS2-000020BQ1	Polygon Road	529574, 183045	Tube Missing	Tube Missing	29	26									27
HS2-000020BQ2	Alexandra Place	526320, 183980	37	35	29	26									32
HS2-000020BQ3	Harrington Square	529228, 183172	53	51	44	46									48
HS2-000020BQ4	Junction of North Gower Street and Starcross Street	529290, 182572	45	41	30	36									38
HS2-000020BQ5	Adelaide Road	527713, 184392	44	40	32	31									37
HS2-000020BQ6	Mornington Terrace	528836, 183474	38	33	27	27									31
HS2-000020BQ7	Arlington Road	529009, 183479	35	35	29	29									32
HS2-000020BQ8	Clarkson Row	529024, 183213	37	39	31	31									34
HS2-000020BQ9	Park Village East	528923, 183121	37	37	31	31									34
HS2-000020BQA	Eversholt Street	529386, 183132	55	47	42	36									45
HS2-000020BQB	Junction of Harrington Street and Varndell Street	529147, 182816	32	40	31	31									34
HS2-000020BQC	Junction of Robert Street and Hampstead Road	529199, 182704	47	49	38	40									43
HS2-000020BQD	Drummond Crescent	529648, 182856	47	47	33	35									40
HS2-000020BQJ	Grafton Way	529380, 182225	47	46	41	38									43
HS2-000020BQL	Delancey Street	528768, 183581	46	46	42	48									46

Monitoring Site ID	Location description	Coordinates (X, Y)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean ₁
HS2-000020BQR	Lamp post on Park Village East	528682, 183505	37	35	29	30									33
HS2-000020BQS	Opposite Maria fidelis school on Phoenix Road	529670, 182982	42	42	30	28									35
HS2-000020BQT	Drummond Street	529385, 182581	40	44	37	38									40
HS2-000020BQX	Lamp post on Brunswick Square	530344, 182236	45	40	36	25									36
HS2-000020BP4	Triplicate site on Finchley Road next to Swiss Cottage kerbside automatic monitoring station	526633, 184392	Tube Missing	52	Tube Missing	Tube Missing									52
HS2-000020BP5	Triplicate site next to the Euston Road roadside automatic monitoring stations	529895, 182657	55	62	57	61									59
HS2-000020BP9	Triplicate site in Russell Square next to Bloomsbury urban background automatic monitoring station	530120, 182034	38	36	36	32									35