

Report For:

**A2 Dominion**

West End Lane

Air Quality Monitoring - May 2020

Status: Final

Date: 11.06.2020

## Overview

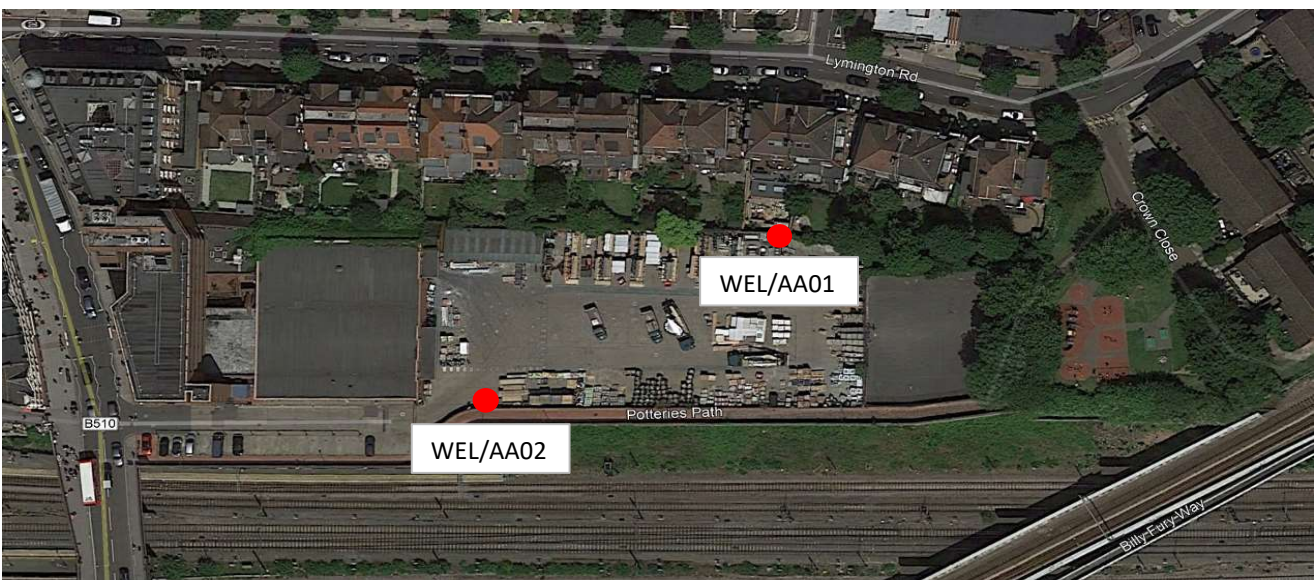
Continuous particulate monitoring is being carried out using Osiris monitors at two locations on the 156 West End Lane construction site. The locations are WEL/AA01 and WEL/AA02.

For information purposes, the measured pollutant concentrations (raw data) are compared to the appropriate UK Air Quality Objectives over the reporting period. Total suspended particles (TSP) and PM<sub>2.5</sub> are recorded by the monitors, but there are no trigger values for these.

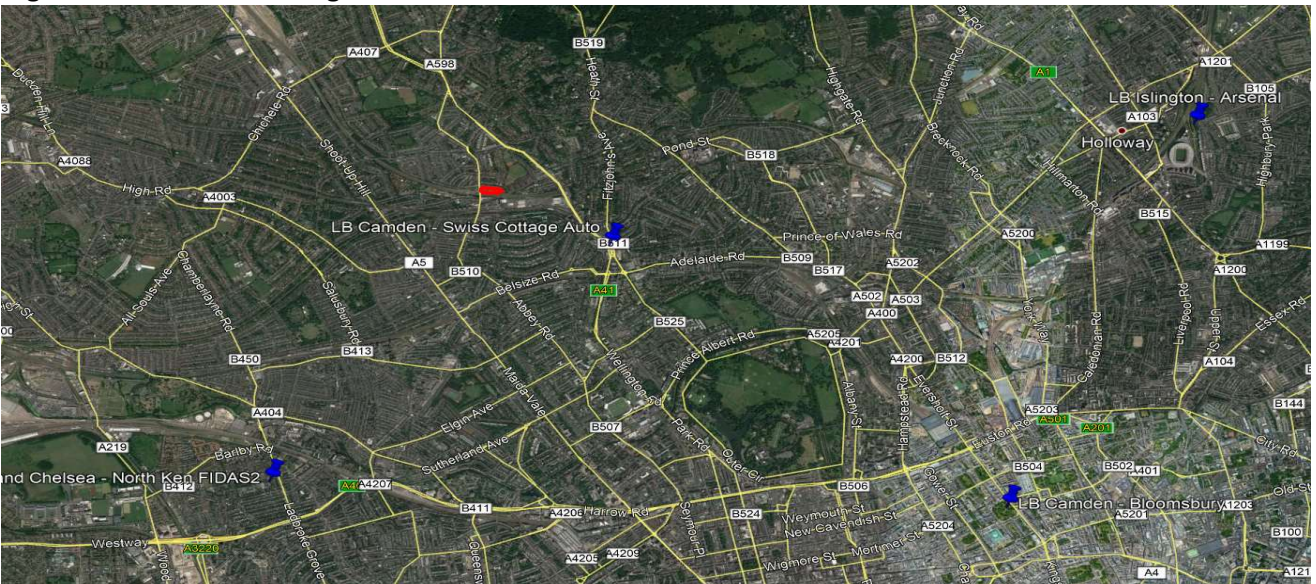
There were no moderate or high particulate episodes reported during this monthly monitoring period by the London Air Quality Network (LAQN).

The closest LAQN monitoring locations to West End Road are Swiss Cottage – LB Camden (kerbside, 1.1km south-east). The closest Urban Background sites are North Ken FIDAS2 – Kensington and Chelsea (3.5km south west), Bloomsbury – LB Camden (5.3km south-east) and Arsenal – LB Islington (5.8km east). The annual mean was not exceeded at any of the LAQN monitoring sites, with the highest recorded pollutant concentration being 20.6µg/m<sup>3</sup> at Islington – Arsenal.

**Figure 1 - Monitoring Locations**



**Figure 2 - LAQN Monitoring Locations**





**Figure 3 - Position of WEL/AA01**



**Figure 4 - Position of WEL/AA02**

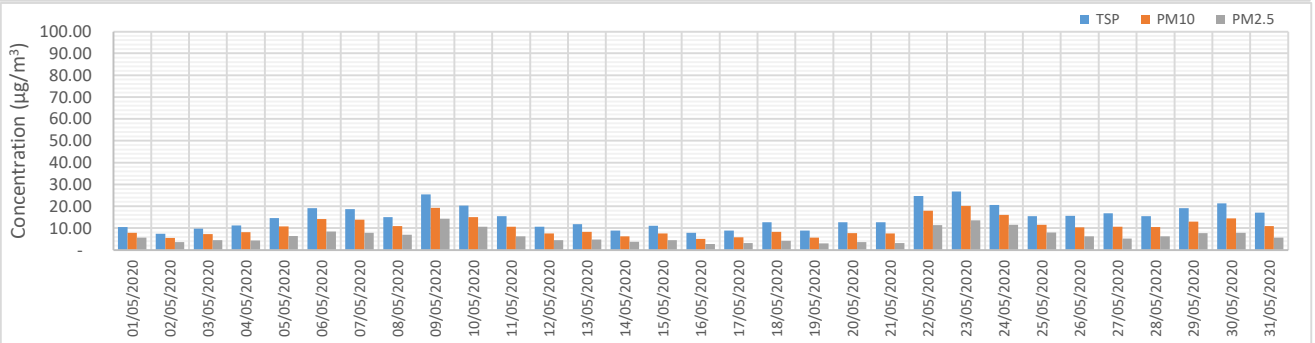
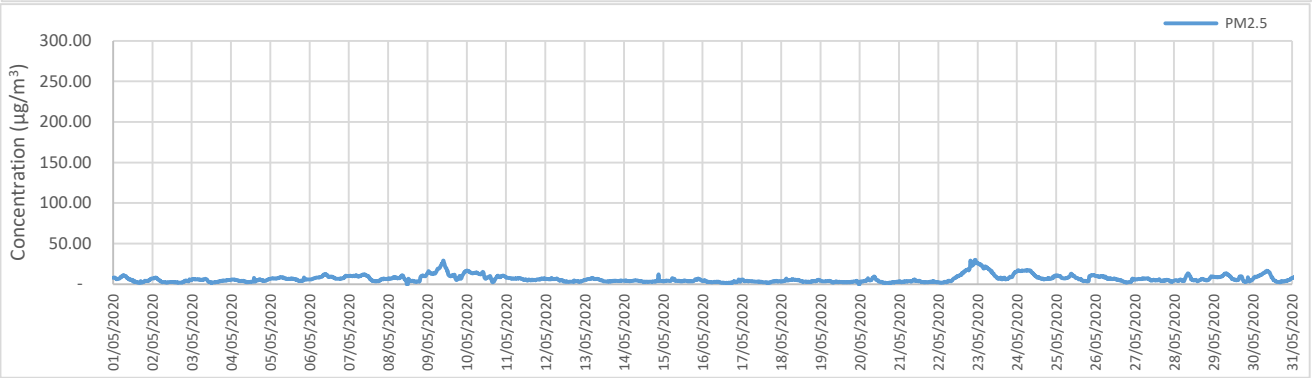
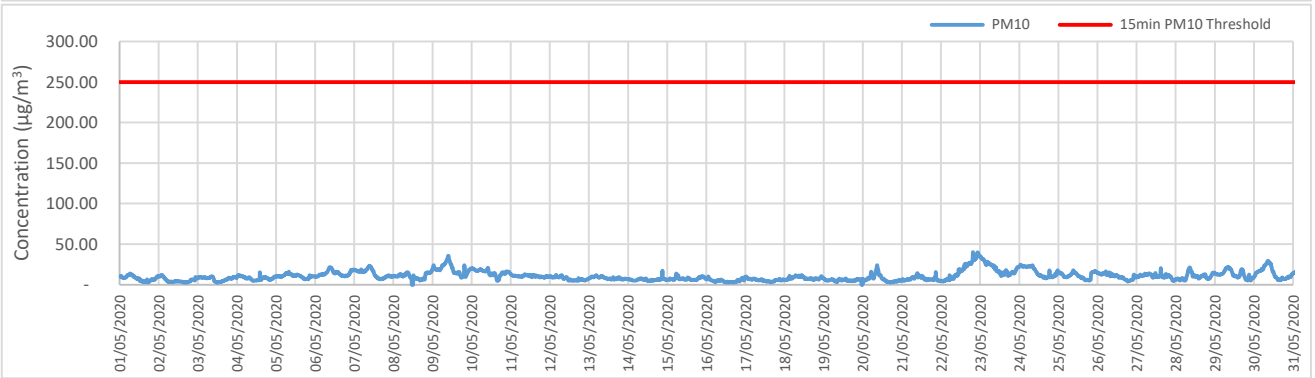
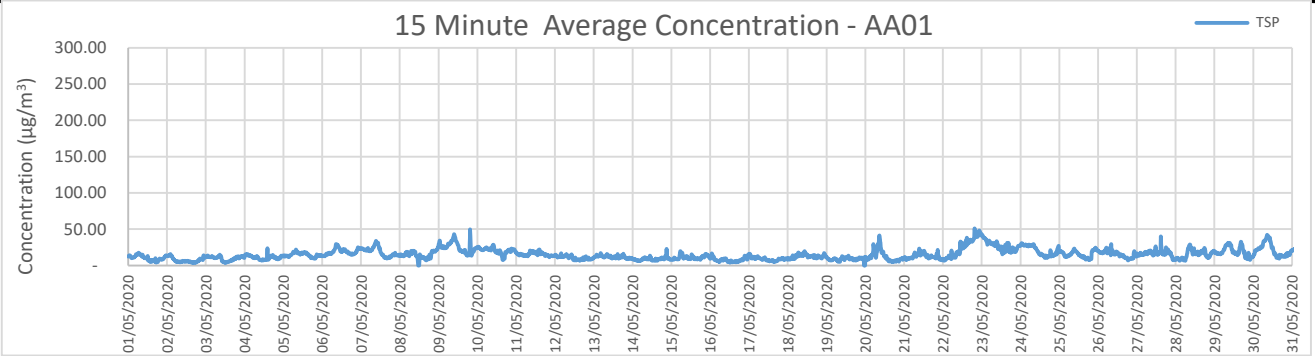


## Results Summary

Table 1 - PM<sub>10</sub> Results

Monitor	Data Capture	Number of exceedances		Number of reported 24-hr PM <sub>10</sub> alerts in the last 12 months	Comments
		24-hr PM <sub>10</sub>	15 min PM <sub>10</sub>		
		50µg/m <sup>3</sup>	250µg/m <sup>3</sup>		
WEL/AA01	98.94%	0	0	0	No work is currently being undertaken on site
WEL/AA02	99.48%	0	0	0	No work is currently being undertaken on site

Worksite:	West End Lane		Location:	AA01
Data Capture:	98.94%		WEL AA01 - Fixed to post on northern boundary	
Instrument:	Osiris TNO 4382		Period	Start 01/05/2020 End 01/06/2020
Calibration:	10/03/2020			



Worksite:	West End Lane		Location:	AA02
Data Capture:	99.48%		WEL AA02 - Fixed to post on southern boundary	
Instrument:	Osiris TNT3707		Period	Start 01/05/2020 End 01/06/2020
Calibration:	20/03/2020			

15 Minute Average Concentration - AA02

