

Report For:

A2 Dominion

West End Lane

Air Quality Monitoring - June 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_{2.5} 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/m³ at Islington – Arsenal.

Figure 1 - Monitoring Locations

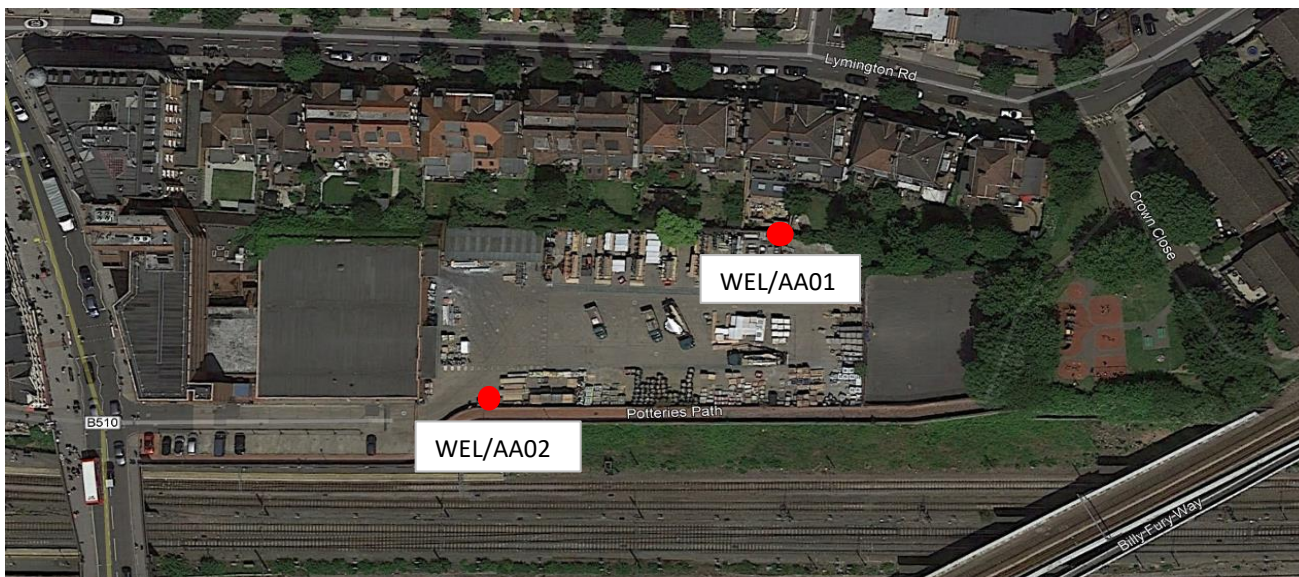
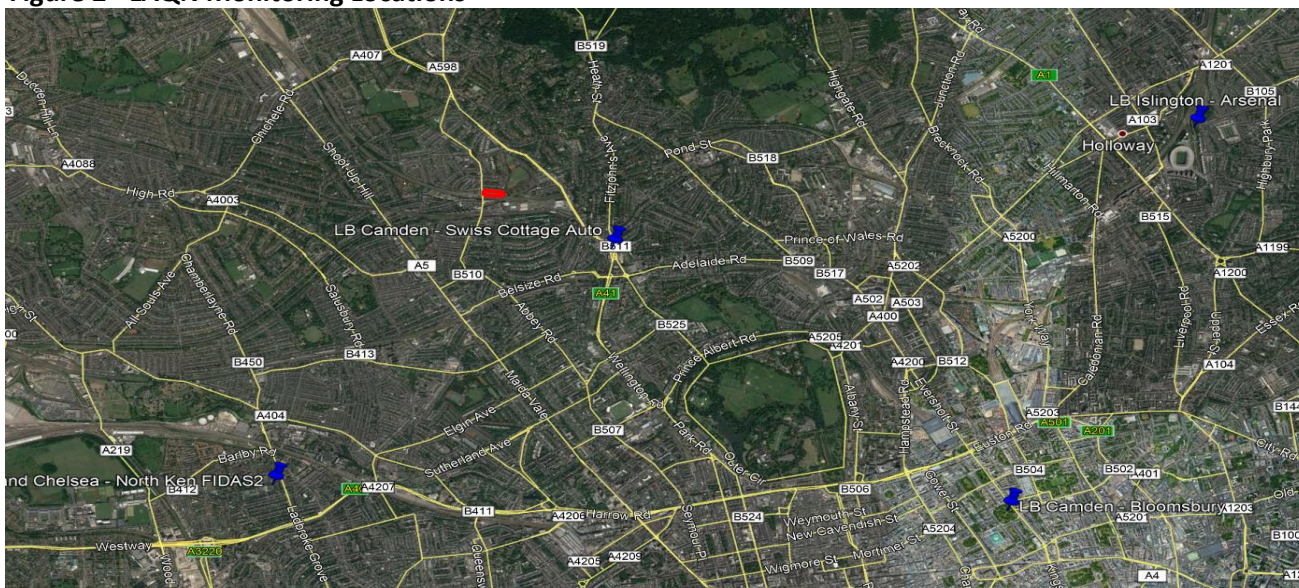


Figure 2 - LAQN Monitoring Locations



Email: enquiry@accon-uk.com

Unit B, Fronds Park, Frouds Lane, Aldermaston, Reading, RG7 4LH

Reading Office Tel: 0118 971 0000

Figure 3 - Position of WEL/AA01



Figure 4 - Position of WEL/AA02

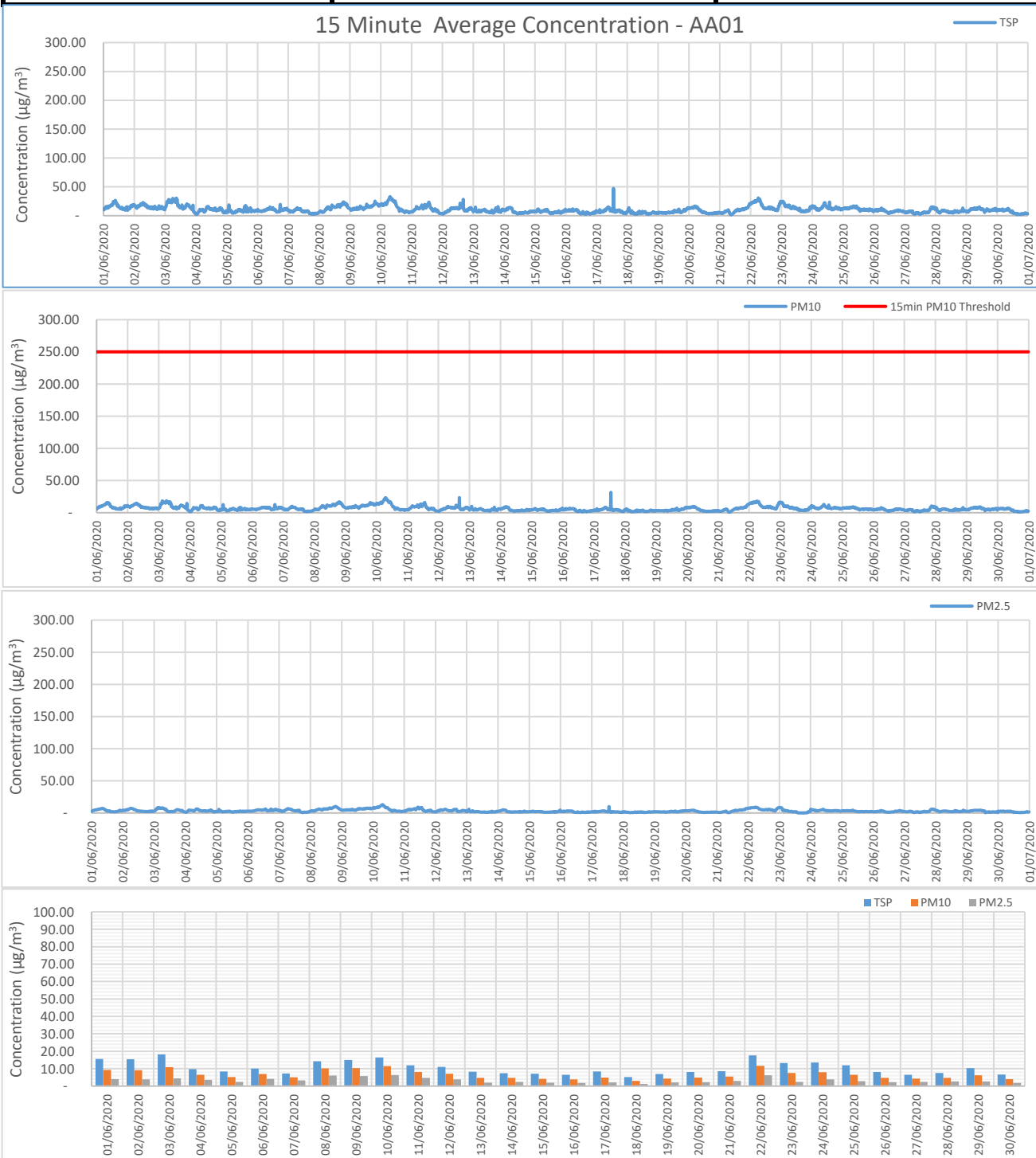


Results Summary

Table 1 - PM₁₀ Results

Monitor	Data Capture	Number of exceedances		Number of reported 24-hr PM ₁₀ alerts in the last 12 months	Average period PM ₁₀	Average period PM _{2.5}	Comments
		24-hr PM ₁₀	15 min PM ₁₀				
		50µg/m ³	250µg/m ³				
WEL/AA01	98.71%	0	0	0	6.6	3.3	No work is currently being undertaken on site
WEL/AA02	99.12%	0	0	0	10.0	6.8	No work is currently being undertaken on site

Worksite:	West End Lane		Location:	AA01
Data Capture:	98.71%			
Instrument:	Osiris TNO 4382			WEL AA01 - Fixed to post on northern boundary
Calibration:	10/03/2020		Period	Start 01/06/2020 End 01/07/2020

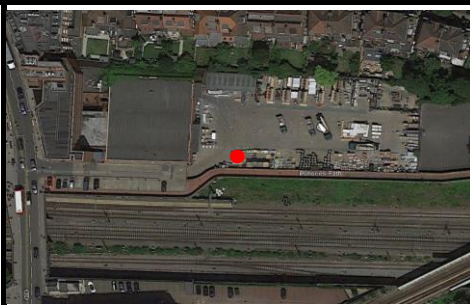


Worksite: West End Lane

Data Capture: 99.12%

Instrument: Osiris TNT3707

Calibration: 20/03/2020

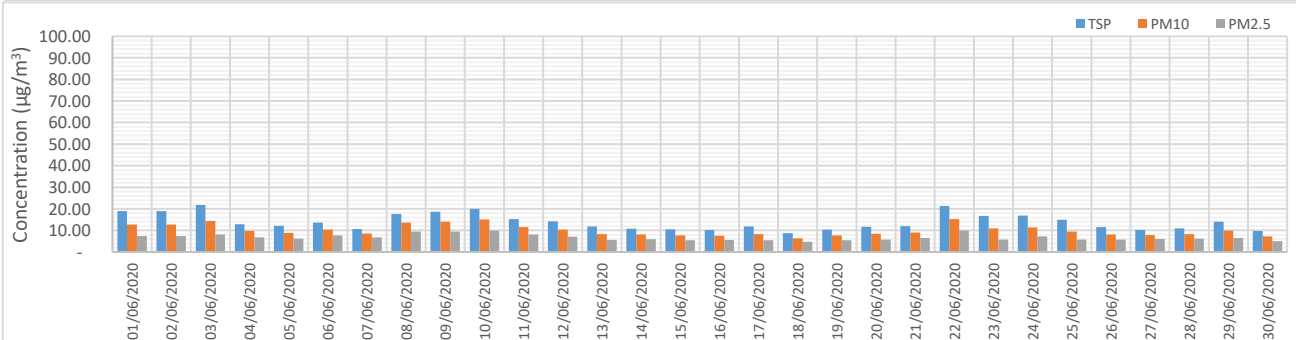
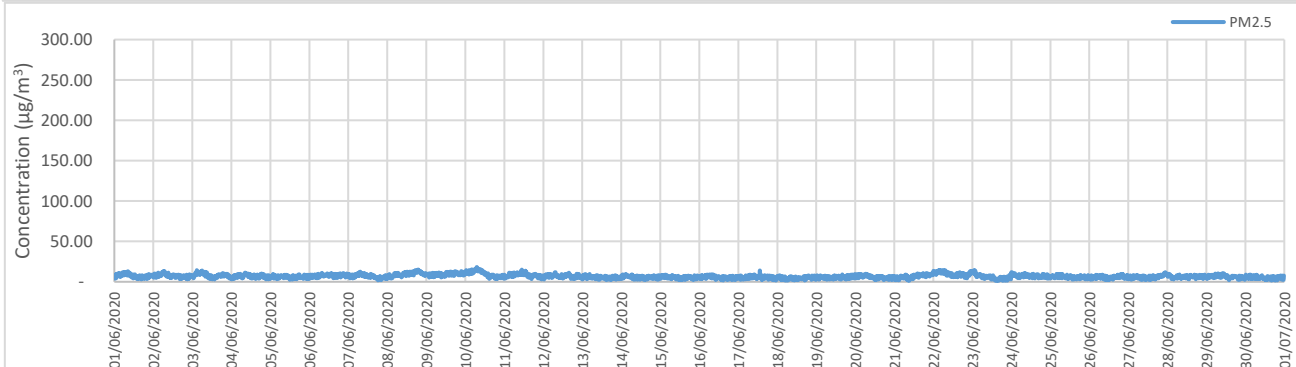
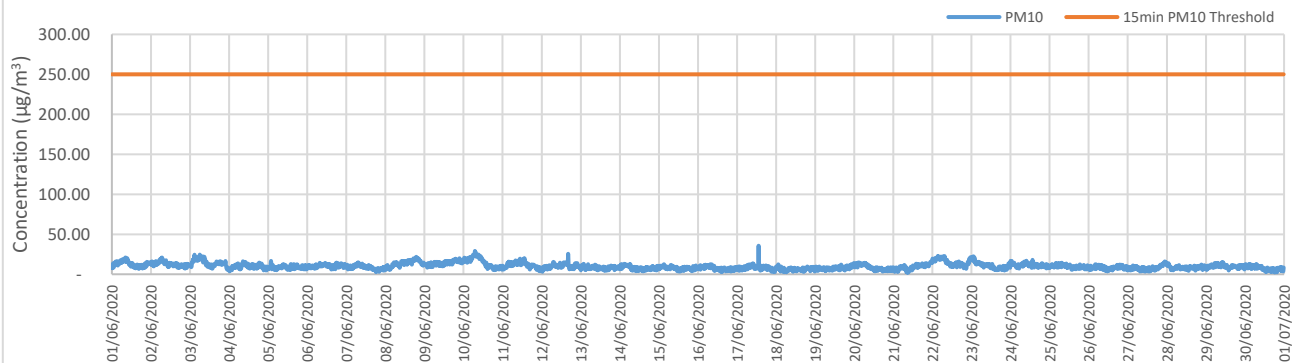
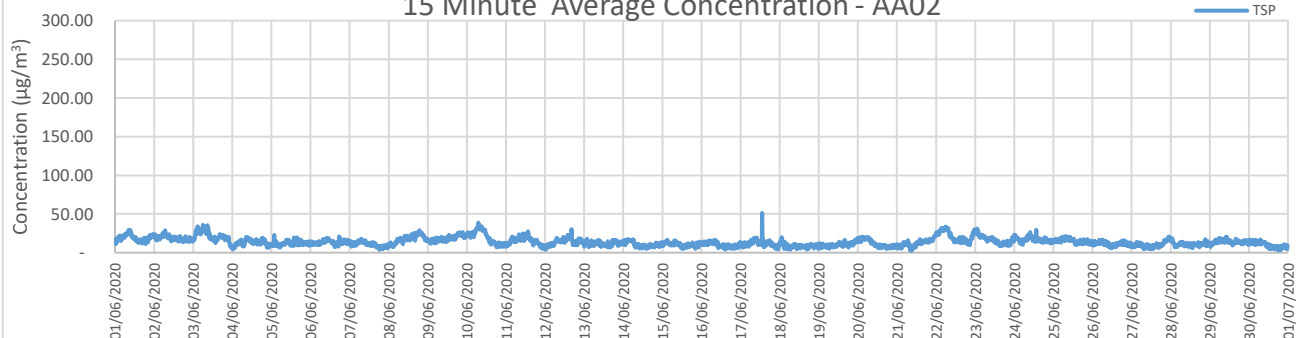


Location: AA02

WEL AA02 - Fixed to post on
southern boundary

Period Start 01/06/2020
End 01/07/2020

15 Minute Average Concentration - AA02



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