

CMA application during the games to target resuspended PM10

Context

Air quality modelling for the period that the ORN is activated in London shows that there should be a slight net reduction in PM₁₀ and NO_x emissions. However, there may be some areas which could see slight increases in levels of PM₁₀ and NO_x emissions.

The rationale for the application of CADS during the Olympic and Paralympic Games was explained in paragraphs 3.14 to 3.17 of TfL's report 'The emissions and air quality impacts of the 2012 Olympic Route Network and related traffic management arrangements', March 2012, available at:

<http://www.tfl.gov.uk/assets/downloads/corporate/tfl-orn-air-quality-report-march-2012.pdf>

Context of CMA application

The expanded programme of the trial application of CMA to reduce PM₁₀ (funded by the Clean Air Fund) is drawing to a close. The programme consists of nightly corridor application on 20 miles of London's roads and trials at industrial and construction sites. The road corridor applications of CMA finish at the end of May 2012. The industrial and construction site trials run throughout the summer ending in September 2012. From the end of May this will focus on applications by operators within their sites.

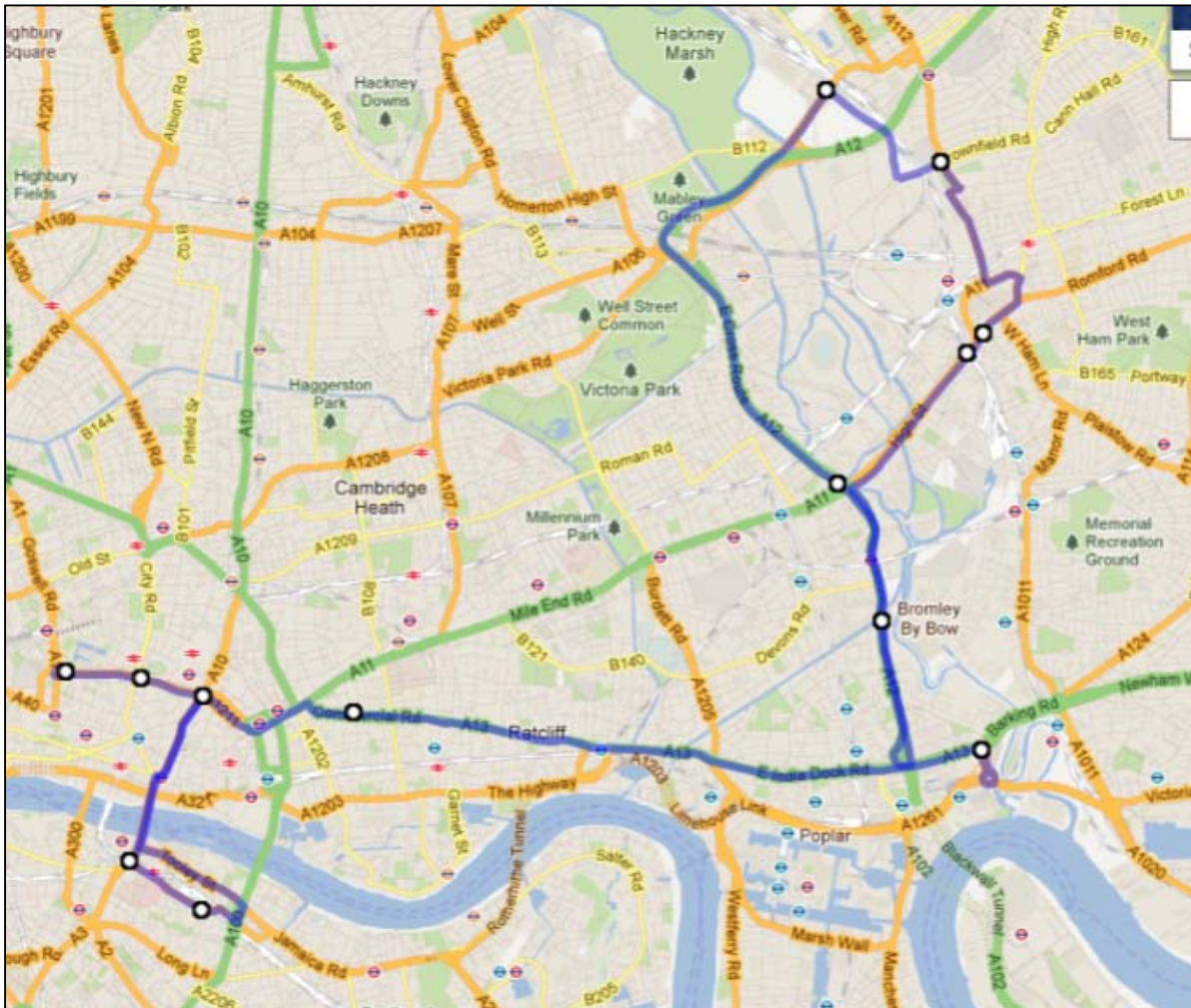
The expanded programme of application is accompanied by a monitoring and research programme to optimise the application of CMA. Relatively to the initial monitoring in 2010/11, the monitoring and research in 2011/2012 now interrogates a far greater number of sites across London.

Locations where CMA will be applied

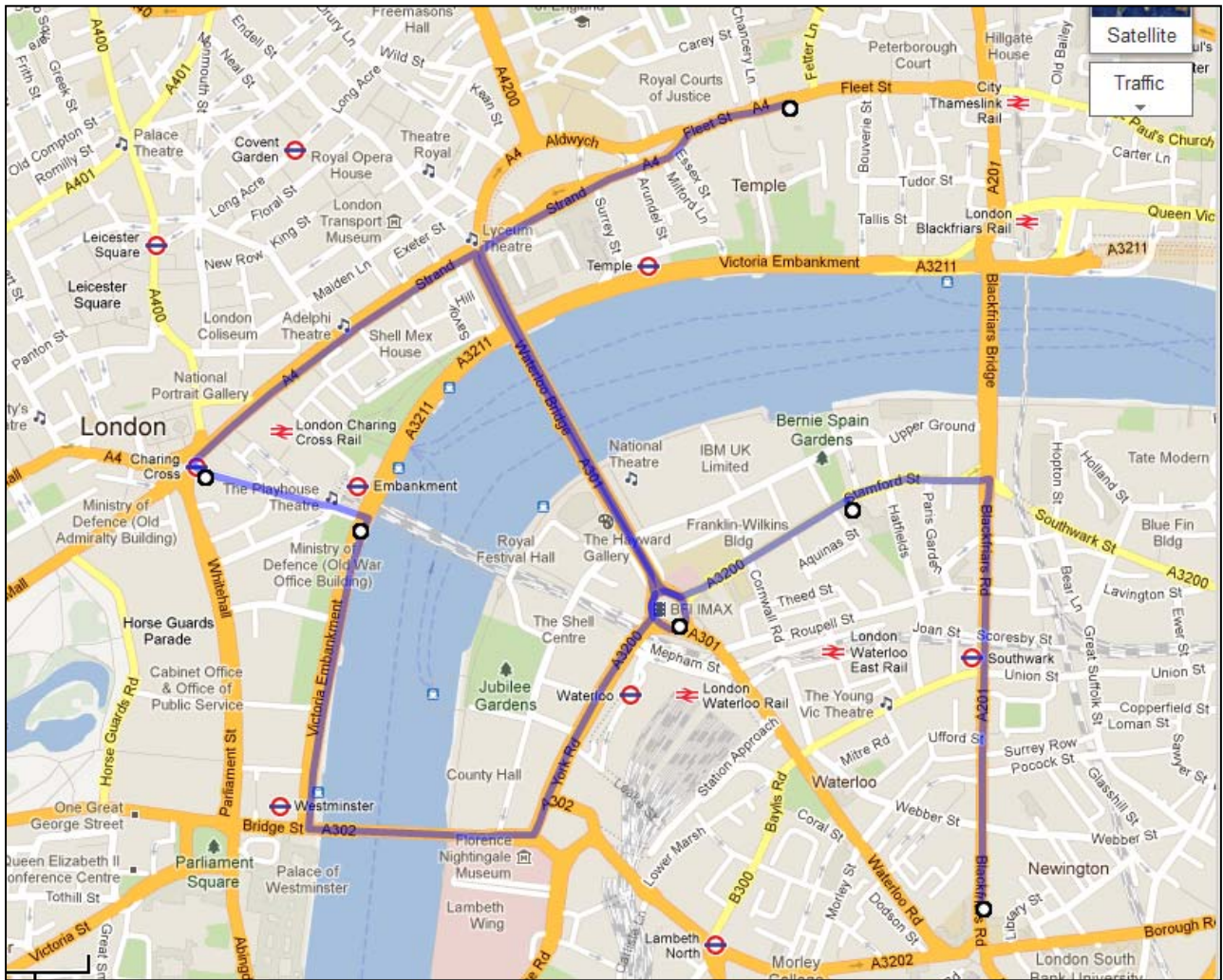
Air quality model outputs showing the difference in the number of days where PM10 daily mean concentrations exceeds 50µg/m³ were supplied to Highways Operations Team by Group Planning. These modelling outputs were translated into corridor applications by taking into account weight, width and height restrictions, while ensuring operation efficiency.

Maps of each area :

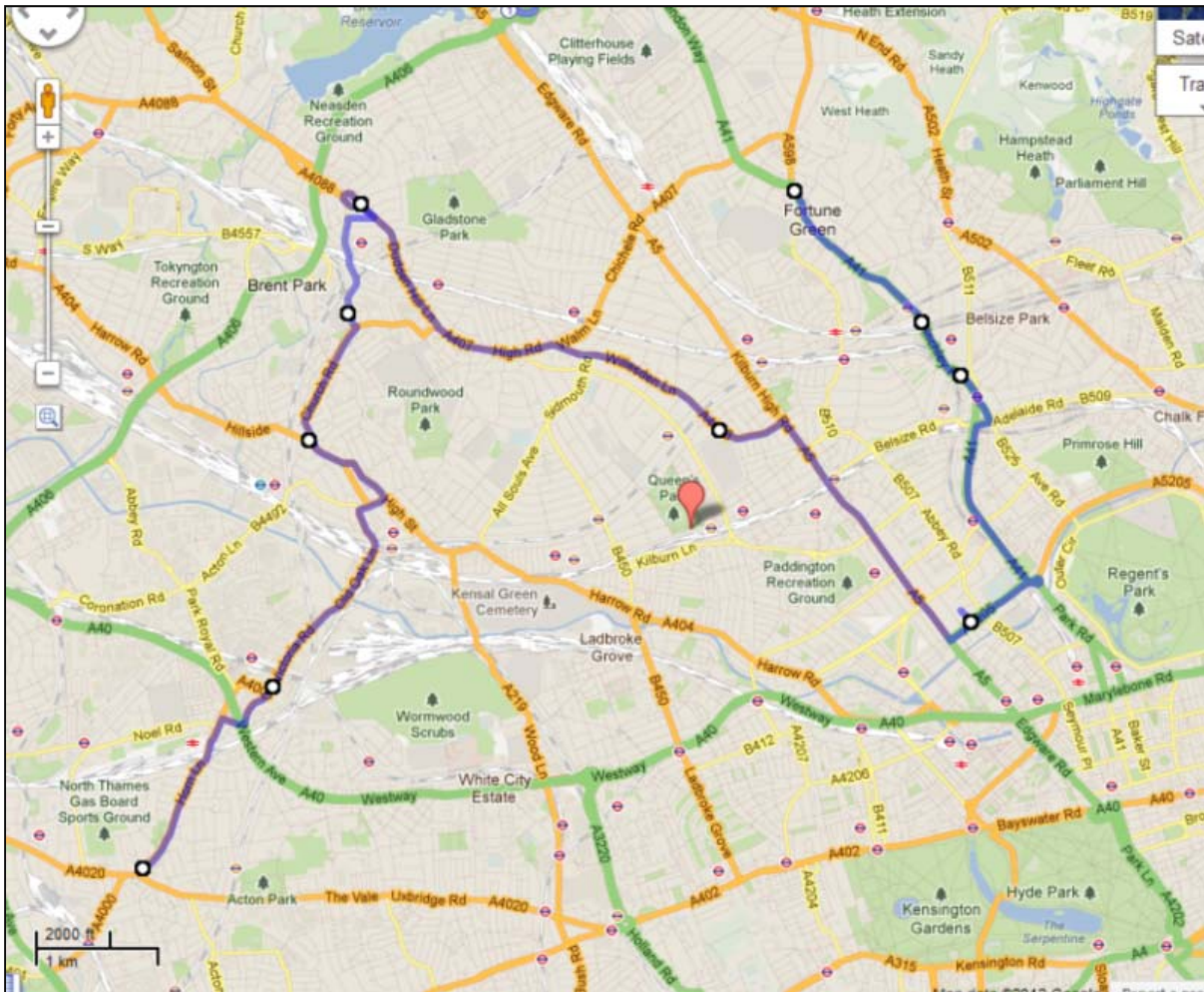
Site 1 - East Corridor: Olympic Park + A12



Site 2 - Central South Area



Site 3 - North - West Area



CMA programme

Application of CMA will occur between 2300 – 0400.

All sites will have the same CMA application programme.

Games	12d	Fri 27/07/12	Sun 12/08/12
Paralympics	8d	Thu 30/08/12	Sun 09/09/12
CMA application (total)	36n	Wed 25/07/12	Mon 10/09/12
CMA pre-Games	2n	Wed 25/07/12	Thu 26/07/12
CMA in-Games	12n	Fri 27/07/12	Sun 12/08/12
CMA post-Games	1n	Mon 13/08/12	Mon 13/08/12
CMA in-Paralympics	9n	Wed 29/08/12	Sun 09/09/12
CMA post-Paralympics	1n	Mon 10/09/12	Mon 10/09/12