

**Appendix 9**

Heathrow Terminal 5 Dust  
Planning Condition



# Terminal 5 Dust Planning Condition

## ***“Dust Monitoring***

A122 *From a date at least 12 months before the start of construction of the development hereby permitted, the soiling rate shall be measured using the glass slide technique over consecutive periods of seven days at each Dust Monitoring Site and the results for a Dust Monitoring Site for each period of seven days will be supplied in writing to the Local Planning Authority in which that site is located. A Dust Monitoring Site shall be one of the 16 sites identified for the monitoring of soiling rates on T5/ASSUR/Plan 1 unless the location of a site is varied as may be agreed in writing with the Local Planning Authority.*

- A123 1. *For each Dust Monitoring Site, there shall be a “Dust Response Threshold” which shall be:*
- (a) where the Background Soiling Rate at any Dust Monitoring Site is less than or equal to 20su/week, the Dust Response Threshold for that site shall be twice the value of the Background Soiling Rate, or*
  - (b) where the Background Soiling Rate for any Dust Monitoring Site is greater than or equal to 20su/week, the Dust Response Threshold for that site shall be calculated as follows:  
40 su/week + (the Background Soiling Rate – 20su/week/2), where “su” represents the soiling unit as determined as set out in BAA/1472.*
2. *The “Background Soiling Rate” for each Dust Monitoring Site shall be the highest average weekly soiling rate measured over any 4 consecutive periods of seven days in the 12 months prior to the commencement of construction.*

- A124 1. *During the construction of the development, the four week average soiling rate shall be measured at each Dust Monitoring Site unless otherwise agreed in writing by the Local Planning Authority in which that Dust Monitoring Site is located and the measurements for each week shall be supplied to the Local Planning Authority in which the Dust Monitoring Site is located:*
- (a) by fax on the same working day that the said measurements become available or, where this is impracticable, the following working day, and*
  - (b) by post.*
2. *If the measurements show that the Dust Response Threshold for any Dust Monitoring Site has been exceeded:*
- (a) the Local Planning Authority in which the Dust Monitoring Site is located shall be informed that the Dust Response Threshold has been exceeded;*
  - (b) appropriate measures shall be taken to reduce the soiling rate at that Dust Monitoring Site so that the Dust Response Threshold is not exceeded, and*
  - (c) the Local Planning Authority in which the Dust Monitoring Site is located shall be informed of any measures taken pursuant to para 2(b) above.*

## ***PM<sub>10</sub> monitoring***

A125 *A PM<sub>10</sub> Monitoring Site shall be one of the 5 sites identified on T5/ASSUR/Plan 1 unless the location of a site is varied as may be agreed in writing with the Local Planning Authority. One of these sites shall be a mobile site and its location shall vary from time to time as agreed in writing with the Local Planning Authority.*

- A126 1. *During the construction of the development, the hourly level of PM<sub>10</sub> shall be measured at each PM<sub>10</sub> Monitoring Site unless otherwise agreed in writing by the Local Planning Authority in which that PM<sub>10</sub> Monitoring Site is located and, subject to Assurance 42 in BAA/404R, the measurements for each week will be supplied in writing to the Local Planning Authority in which the PM<sub>10</sub> Monitoring Site is located.*
2. *If the measurements show that either of the PM<sub>10</sub> Response Thresholds has been exceeded at a PM<sub>10</sub> Monitoring Site :*
- (a) the Local Planning Authority in which the PM<sub>10</sub> Monitoring Site is located shall be informed forthwith that the PM<sub>10</sub> Response Threshold has been exceeded;*

- (b) *appropriate measures shall be taken to reduce the PM<sub>10</sub> levels at that PM<sub>10</sub> Monitoring Site so that the PM<sub>10</sub> Response Threshold is not exceeded, and*
  - (c) *the Local Planning Authority in which the PM<sub>10</sub> Monitoring Site is located shall be informed of any measures taken pursuant to paragraph (b) above.*
- A127
1. *The PM<sub>10</sub> Response Threshold for each PM<sub>10</sub> Monitoring Site shall be:*
    - (a) *Twice the Hourly Background PM<sub>10</sub> Concentration or 500 µg/m<sup>3</sup> whichever is the greater, and*
    - (b) *Twice the 24-Hourly Background PM<sub>10</sub> Concentration or 150 µg/m<sup>3</sup> whichever is the greater;*
  2. *The Hourly Background PM<sub>10</sub> Concentration shall be the highest hourly average concentration of PM<sub>10</sub> measured at either of the Background PM<sub>10</sub> Monitoring Sites, in the 12 month period prior to the commencement of the development.*
  3. *The 24-Hourly Background PM<sub>10</sub> Concentration shall be the highest running 24-hour average concentration of PM<sub>10</sub> measured at either of the Background PM<sub>10</sub> Monitoring Sites in the 12 month period prior to the commencement of the development.*
  4. *The two Background PM<sub>10</sub> Monitoring Sites shall be located as proposed in BAA/1472.*

***Meteorological monitoring***

- A128 *During the construction of the development, wind speed, wind direction and rainfall at the site marked on T5/ASSUR/Plan 1 and at one other site as proposed in PS/9.6 shall be monitored and the results of the monitoring shall be supplied in writing to the Local Planning Authority in which the site is located at a frequency to be agreed in writing with that Local Planning Authority”.*