

**Appendix G**  
**Air Quality Monitoring Results**

**24-hour TSP Monitoring Results at Station E-A14a (Block B, Merit Industrial Centre)**

| Date      | Weather Condition | Air Temp. (°C) | Atmospheric Pressure (hPa) | Flow Rate (m <sup>3</sup> /min.) |       | Av. flow (m <sup>3</sup> /min) | Total vol. (m <sup>3</sup> ) | Filter Weight (g) |        | Particulate weight(g) | Elapse Time |          | Sampling Time(hrs.) | Conc. (µg/m <sup>3</sup> ) |
|-----------|-------------------|----------------|----------------------------|----------------------------------|-------|--------------------------------|------------------------------|-------------------|--------|-----------------------|-------------|----------|---------------------|----------------------------|
|           |                   |                |                            | Initial                          | Final |                                |                              | Initial           | Final  |                       | Initial     | Final    |                     |                            |
| 3-Aug-21  | Fine              | 28.2           | 997.2                      | 1.34                             | 1.34  | 1.34                           | 1925.3                       | 2.6987            | 2.7461 | 0.0474                | 11538.34    | 11562.34 | 24.00               | 24.6                       |
| 9-Aug-21  | Fine              | 29.1           | 1005.4                     | 1.34                             | 1.34  | 1.34                           | 1925.3                       | 2.7077            | 2.7777 | 0.0700                | 11562.34    | 11586.34 | 24.00               | 36.4                       |
| 14-Aug-21 | Fine              | 28.0           | 1006.4                     | 1.34                             | 1.34  | 1.34                           | 1925.3                       | 2.6847            | 2.7145 | 0.0298                | 11586.34    | 11610.34 | 24.00               | 15.5                       |
| 20-Aug-21 | Sunny             | 32.5           | 1009.5                     | 1.34                             | 1.34  | 1.34                           | 1925.3                       | 2.6884            | 2.7203 | 0.0319                | 11610.34    | 11634.34 | 24.00               | 16.6                       |
| 26-Aug-21 | Sunny             | 29.7           | 1011.0                     | 1.34                             | 1.34  | 1.34                           | 1925.3                       | 2.6863            | 2.7241 | 0.0378                | 11634.34    | 11658.34 | 24.00               | 19.6                       |
|           |                   |                |                            |                                  |       |                                |                              |                   |        |                       |             |          | <b>Average</b>      | <b>22.5</b>                |
|           |                   |                |                            |                                  |       |                                |                              |                   |        |                       |             |          | <b>Minimum</b>      | <b>15.5</b>                |
|           |                   |                |                            |                                  |       |                                |                              |                   |        |                       |             |          | <b>Maximum</b>      | <b>36.4</b>                |

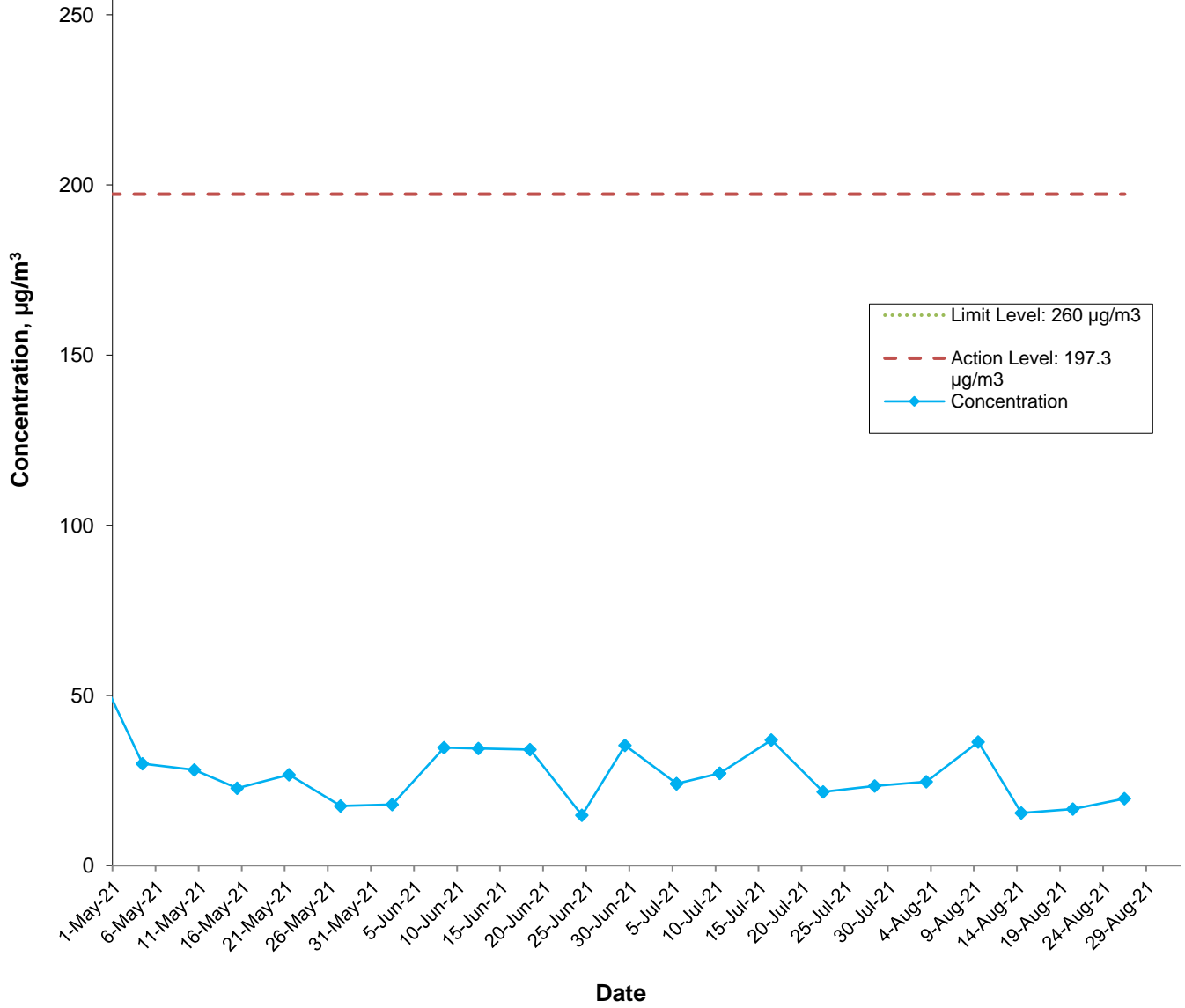
# Appendix G

## Air Quality Monitoring Results

### 1-hour TSP Monitoring Results at Station E-A14a (Block B, Merit Industrial Centre)

| Date      | Start Time (hh:mm) | Weather Condition | 1st Hour                           | 2nd Hour                           | 3rd Hour                           |
|-----------|--------------------|-------------------|------------------------------------|------------------------------------|------------------------------------|
|           |                    |                   | Conc. ( $\mu\text{g}/\text{m}^3$ ) | Conc. ( $\mu\text{g}/\text{m}^3$ ) | Conc. ( $\mu\text{g}/\text{m}^3$ ) |
| 3-Aug-21  | 11:50              | Fine              | 60.5                               | 61.9                               | 62.3                               |
| 9-Aug-21  | 11:45              | Fine              | 61.7                               | 62.3                               | 60.5                               |
| 14-Aug-21 | 10:50              | Fine              | 61.4                               | 62.0                               | 60.7                               |
| 20-Aug-21 | 13:00              | Sunny             | 59.4                               | 61.2                               | 57.8                               |
| 26-Aug-21 | 10:55              | Sunny             | 62.3                               | 60.6                               | 61.9                               |
|           |                    |                   |                                    | Average                            | 61.1                               |
|           |                    |                   |                                    | Min                                | 57.8                               |
|           |                    |                   |                                    | Max                                | 62.3                               |

### E-A14a



This Drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent.

Central Kowloon Route - Kai Tak West (Contract No. HY/2014/07)

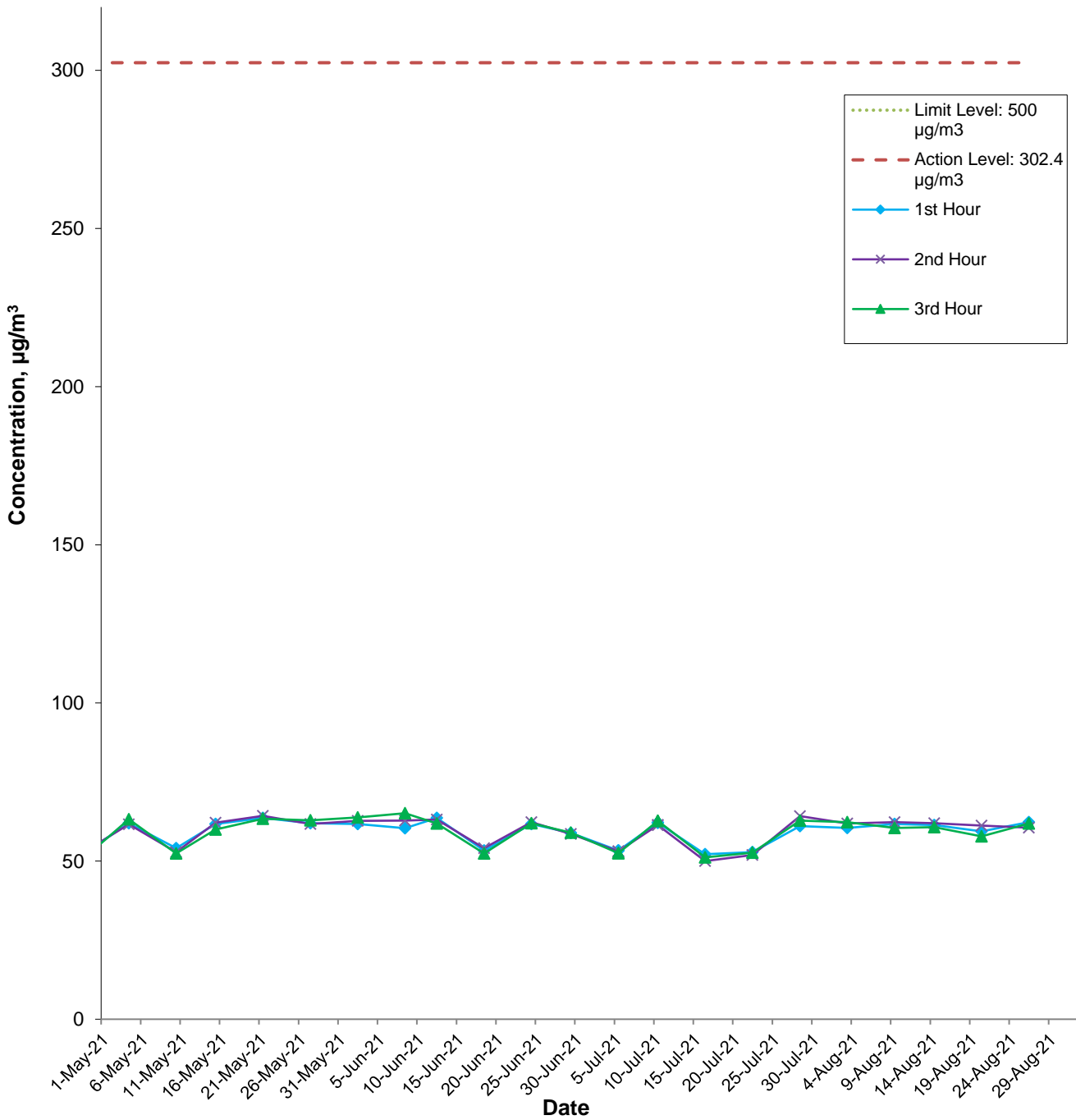


### Graphical Presentation of Impact 24-hour TSP Monitoring Results

Date: September 2021

Appendix G

### E-A14a



This Drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent.

Central Kowloon Route - Kai Tak West (Contract No. HY/2014/07)



### Graphical Presentation of Impact 1-hour TSP Monitoring Results

Date: September 2021

Appendix G