

# 1-hour TSP Monitoring Results

## Location AM6a - Works Site Boundary

| Start Date | Start Time | Weather Condition | Filter Weight (g) |        | Particulate weight (g) | Elapse Time |         | Sampling Time(hrs.) | Flow Rate (m <sup>3</sup> /min.) |       | Av. flow (m <sup>3</sup> /min) | Total vol. (m <sup>3</sup> ) | Conc. (µg/m <sup>3</sup> ) | Filter ID no. |
|------------|------------|-------------------|-------------------|--------|------------------------|-------------|---------|---------------------|----------------------------------|-------|--------------------------------|------------------------------|----------------------------|---------------|
|            |            |                   | Initial           | Final  |                        | Initial     | Final   |                     | Initial                          | Final |                                |                              |                            |               |
| 3-Sep-20   | 9:05       | Cloudy            | 3.3290            | 3.3391 | 0.0101                 | 11556.6     | 11557.6 | 1.0                 | 1.22                             | 1.22  | 1.22                           | 73.0                         | 138.4                      | 200701/095    |
| 3-Sep-20   | 10:05      | Cloudy            | 3.3400            | 3.3514 | 0.0114                 | 11557.6     | 11558.6 | 1.0                 | 1.22                             | 1.22  | 1.22                           | 73.0                         | 156.3                      | 200701/096    |
| 3-Sep-20   | 13:00      | Cloudy            | 3.2555            | 3.2610 | 0.0055                 | 11558.6     | 11559.6 | 1.0                 | 1.22                             | 1.22  | 1.22                           | 73.0                         | 75.4                       | 200701/097    |
| 9-Sep-20   | 9:00       | Cloudy            | 3.3018            | 3.3056 | 0.0038                 | 11583.6     | 11584.6 | 1.0                 | 1.23                             | 1.23  | 1.23                           | 73.7                         | 51.5                       | 200701/050    |
| 9-Sep-20   | 10:00      | Cloudy            | 3.3278            | 3.3298 | 0.0020                 | 11584.6     | 11585.6 | 1.0                 | 1.23                             | 1.23  | 1.23                           | 73.7                         | 27.1                       | 200701/051    |
| 9-Sep-20   | 11:00      | Cloudy            | 3.3430            | 3.3476 | 0.0046                 | 11585.6     | 11586.6 | 1.0                 | 1.23                             | 1.23  | 1.23                           | 73.7                         | 62.5                       | 200701/052    |
| 15-Sep-20  | 9:30       | Cloudy            | 3.4816            | 3.4830 | 0.0014                 | 11610.6     | 11611.6 | 1.0                 | 1.23                             | 1.23  | 1.23                           | 73.6                         | 19.0                       | 200801/029    |
| 15-Sep-20  | 10:30      | Cloudy            | 3.4932            | 3.4946 | 0.0014                 | 11611.6     | 11612.6 | 1.0                 | 1.23                             | 1.23  | 1.23                           | 73.6                         | 19.0                       | 200801/030    |
| 15-Sep-20  | 13:00      | Cloudy            | 3.4883            | 3.4900 | 0.0017                 | 11612.6     | 11613.6 | 1.0                 | 1.23                             | 1.23  | 1.23                           | 73.6                         | 23.1                       | 200801/031    |
| 21-Sep-20  | 9:00       | Cloudy            | 3.4939            | 3.4961 | 0.0022                 | 11637.6     | 11638.6 | 1.0                 | 1.23                             | 1.23  | 1.23                           | 73.5                         | 29.9                       | 200801/041    |
| 21-Sep-20  | 10:00      | Cloudy            | 3.4983            | 3.5011 | 0.0028                 | 11638.6     | 11639.6 | 1.0                 | 1.23                             | 1.23  | 1.23                           | 73.5                         | 38.1                       | 200801/042    |
| 21-Sep-20  | 11:00      | Cloudy            | 3.4892            | 3.4944 | 0.0052                 | 11639.6     | 11640.6 | 1.0                 | 1.23                             | 1.22  | 1.23                           | 73.5                         | 70.7                       | 200801/043    |
| 25-Sep-20  | 9:05       | Sunny             | 3.4652            | 3.4716 | 0.0064                 | 11664.6     | 11665.6 | 1.0                 | 1.22                             | 1.22  | 1.22                           | 73.5                         | 87.1                       | 200801/067    |
| 25-Sep-20  | 10:05      | Sunny             | 3.5171            | 3.5221 | 0.0050                 | 11665.6     | 11666.6 | 1.0                 | 1.22                             | 1.22  | 1.22                           | 73.5                         | 68.1                       | 200801/068    |
| 25-Sep-20  | 13:00      | Sunny             | 3.5027            | 3.5065 | 0.0038                 | 11666.6     | 11667.6 | 1.0                 | 1.22                             | 1.22  | 1.22                           | 73.3                         | 51.8                       | 200801/069    |
| 30-Sep-20  | 9:00       | Cloudy            | 3.2706            | 3.2748 | 0.0042                 | 11691.6     | 11692.6 | 1.0                 | 1.22                             | 1.22  | 1.22                           | 73.3                         | 57.3                       | 200701/028    |
| 30-Sep-20  | 10:00      | Cloudy            | 3.2363            | 3.2424 | 0.0061                 | 11692.6     | 11693.6 | 1.0                 | 1.22                             | 1.22  | 1.22                           | 73.2                         | 83.3                       | 200701/029    |
| 30-Sep-20  | 11:00      | Cloudy            | 3.3401            | 3.3454 | 0.0053                 | 11693.6     | 11694.6 | 1.0                 | 1.22                             | 1.22  | 1.22                           | 73.2                         | 72.4                       | 200701/030    |
|            |            |                   |                   |        |                        |             |         |                     |                                  |       |                                | <b>Min</b>                   | <b>19</b>                  |               |
|            |            |                   |                   |        |                        |             |         |                     |                                  |       |                                | <b>Max</b>                   | <b>156</b>                 |               |
|            |            |                   |                   |        |                        |             |         |                     |                                  |       |                                | <b>Average</b>               | <b>63</b>                  |               |