

## 24-hour TSP Monitoring Results

### Location AM6a - Works Site Boundary

| Start Date | Weather Condition | Air Temp. (K) | 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 |                                |                              |                            |               |
| 5-Sep-18   | Sunny             | 304.1         | 2.9450            | 3.0268 | 0.0818                 | 7887.6      | 7911.6 | 24.0                | 1.21                             | 1.21  | 1.21                           | 1740.3                       | 47.0                       | 180801/072    |
| 11-Sep-18  | Cloudy            | 302.0         | 3.2537            | 3.3458 | 0.0921                 | 7914.6      | 7938.6 | 24.0                | 1.22                             | 1.22  | 1.22                           | 1752.1                       | 52.6                       | 180803/027    |
| 17-Sep-18  | Cloudy            | 300.9         | 3.2510            | 3.3255 | 0.0745                 | 7941.6      | 7965.6 | 24.0                | 1.22                             | 1.22  | 1.22                           | 1751.0                       | 42.5                       | 180803/083    |
| 21-Sep-18  | Cloudy            | 303.9         | 3.6280            | 3.7035 | 0.0755                 | 7968.6      | 7992.6 | 24.0                | 1.21                             | 1.21  | 1.21                           | 1747.2                       | 43.2                       | 180901/033    |
| 26-Sep-18  | Cloudy            | 299.8         | 3.6214            | 3.7112 | 0.0898                 | 7995.6      | 8019.6 | 24.0                | 1.22                             | 1.22  | 1.22                           | 1758.2                       | 51.1                       | 180901/091    |
|            |                   |               |                   |        |                        |             |        |                     |                                  |       |                                | <b>Min</b>                   | <b>43</b>                  |               |
|            |                   |               |                   |        |                        |             |        |                     |                                  |       |                                | <b>Max</b>                   | <b>53</b>                  |               |
|            |                   |               |                   |        |                        |             |        |                     |                                  |       |                                | <b>Average</b>               | <b>47</b>                  |               |