

1-hour TSP Monitoring Results

Location AM6a - Works Site Boundary

| Start Date | Start Time | Weather Condition | Air Temp. (K) | Filter Weight (g) | | Particulate weight (g) | Elapse Time | | Sampling Time(hrs.) | Flow Rate (m ³ /min.) | | Av. flow (m ³ /min) | Total vol. (m ³) | Conc. (µg/m ³) | Filter ID no. |
|------------|------------|-------------------|---------------|-------------------|--------|------------------------|-------------|--------|---------------------|----------------------------------|-------|--------------------------------|------------------------------|----------------------------|---------------|
| | | | | Initial | Final | | Initial | Final | | Initial | Final | | | | |
| 2-Dec-16 | 10:00 | Sunny | 290.5 | 3.5885 | 3.5925 | 0.0040 | 4680.6 | 4681.6 | 1.0 | 1.23 | 1.23 | 1.23 | 73.8 | 54.2 | 161201/016 |
| 2-Dec-16 | 11:00 | Sunny | 290.7 | 3.5766 | 3.5785 | 0.0019 | 4681.6 | 4682.6 | 1.0 | 1.23 | 1.23 | 1.23 | 73.8 | 25.7 | 161201/017 |
| 2-Dec-16 | 13:00 | Sunny | 292.6 | 3.5892 | 3.5922 | 0.0030 | 4682.6 | 4683.6 | 1.0 | 1.23 | 1.23 | 1.23 | 73.5 | 40.8 | 161201/018 |
| 8-Dec-16 | 13:00 | Cloudy | 294.3 | 3.6129 | 3.6207 | 0.0078 | 4707.6 | 4708.6 | 1.0 | 1.22 | 1.22 | 1.22 | 73.0 | 106.8 | 161201/066 |
| 8-Dec-16 | 14:00 | Cloudy | 294.5 | 3.5646 | 3.5740 | 0.0094 | 4708.6 | 4709.6 | 1.0 | 1.22 | 1.22 | 1.22 | 73.0 | 128.7 | 161201/067 |
| 8-Dec-16 | 15:00 | Cloudy | 294.7 | 3.6026 | 3.6096 | 0.0070 | 4709.6 | 4710.6 | 1.0 | 1.22 | 1.22 | 1.22 | 73.0 | 95.9 | 161201/068 |
| 14-Dec-16 | 10:00 | Sunny | 293.6 | 3.5825 | 3.5914 | 0.0089 | 4734.6 | 4735.6 | 1.0 | 1.22 | 1.22 | 1.22 | 73.2 | 121.5 | 161203/043 |
| 14-Dec-16 | 11:00 | Sunny | 293.8 | 3.5639 | 3.5668 | 0.0029 | 4735.6 | 4736.6 | 1.0 | 1.22 | 1.22 | 1.22 | 73.2 | 39.6 | 161203/044 |
| 14-Dec-16 | 13:00 | Sunny | 294.5 | 3.5872 | 3.5898 | 0.0026 | 4736.6 | 4737.6 | 1.0 | 1.22 | 1.22 | 1.22 | 73.1 | 35.6 | 161203/045 |
| 20-Dec-16 | 10:00 | Cloudy | 293.5 | 3.6182 | 3.6228 | 0.0046 | 4761.6 | 4762.6 | 1.0 | 1.22 | 1.22 | 1.22 | 73.3 | 62.8 | 161204/001 |
| 20-Dec-16 | 11:00 | Cloudy | 293.7 | 3.6008 | 3.6080 | 0.0072 | 4762.6 | 4763.6 | 1.0 | 1.22 | 1.22 | 1.22 | 73.3 | 98.3 | 161204/002 |
| 20-Dec-16 | 13:00 | Cloudy | 294.8 | 3.5757 | 3.5808 | 0.0051 | 4763.6 | 4764.6 | 1.0 | 1.22 | 1.22 | 1.22 | 73.1 | 69.8 | 161204/003 |
| 23-Dec-16 | 10:00 | Sunny | 284.3 | 3.5854 | 3.5915 | 0.0061 | 4788.6 | 4789.6 | 1.0 | 1.24 | 1.24 | 1.24 | 74.6 | 81.7 | 161203/096 |
| 23-Dec-16 | 11:00 | Sunny | 284.5 | 3.5905 | 3.5977 | 0.0072 | 4789.6 | 4790.6 | 1.0 | 1.24 | 1.24 | 1.24 | 74.6 | 96.5 | 161203/097 |
| 23-Dec-16 | 13:00 | Sunny | 287.1 | 3.5862 | 3.5958 | 0.0096 | 4790.6 | 4791.6 | 1.0 | 1.24 | 1.24 | 1.24 | 74.2 | 129.3 | 161203/098 |
| 29-Dec-16 | 10:00 | Sunny | 286.6 | 3.5909 | 3.5934 | 0.0025 | 4815.6 | 4816.6 | 1.0 | 1.24 | 1.24 | 1.24 | 74.4 | 33.6 | 161204/082 |
| 29-Dec-16 | 11:00 | Sunny | 286.8 | 3.5779 | 3.5791 | 0.0012 | 4816.6 | 4817.6 | 1.0 | 1.24 | 1.24 | 1.24 | 74.3 | 16.1 | 161204/083 |
| 29-Dec-16 | 13:00 | Sunny | 289.5 | 3.5939 | 3.5965 | 0.0026 | 4817.6 | 4818.6 | 1.0 | 1.23 | 1.23 | 1.23 | 74.0 | 35.2 | 161204/084 |
| | | | | | | | | | | | | | Min | 16 | |
| | | | | | | | | | | | | | Max | 129 | |
| | | | | | | | | | | | | | Average | 71 | |