

Impact Air Quality Monitoring Results

24-hour TSP Monitoring Results at Station AM1A (Fan Sin Temple, 3 Sheung Wun Yiu G/F)

| Date | Weather Condition | Air Temp. (°C) | Atmospheric Pressure(hPa) | Flow Rate (m ³ /min.) | | Av. flow (m ³ /min) | Total vol. (m ³) | Filter Weight (g) | | Particulate weight(g) | Elapse Time | | Sampling Time(hrs.) | Conc. (µg/m ³) |
|-----------|-------------------|----------------|---------------------------|----------------------------------|-------|--------------------------------|------------------------------|-------------------|--------|-----------------------|-------------|---------|---------------------|----------------------------|
| | | | | Initial | Final | | | Initial | Final | | Initial | Final | | |
| 24-Dec-10 | Sunny | 18.1 | 1015.6 | 1.34 | 1.34 | 1.34 | 1933.92 | 2.7889 | 2.9159 | 0.1270 | 15608.9 | 15632.9 | 24.0 | 65.7 |

24-hour TSP Monitoring Results at Station AM2 (12 Shan Tong New Village G/F)

| Date | Weather Condition | Air Temp. (°C) | Atmospheric Pressure(hPa) | Flow Rate (m ³ /min.) | | Av. flow (m ³ /min) | Total vol. (m ³) | Filter Weight (g) | | Particulate weight(g) | Elapse Time | | Sampling Time(hrs.) | Conc. (µg/m ³) |
|-----------|-------------------|----------------|---------------------------|----------------------------------|-------|--------------------------------|------------------------------|-------------------|--------|-----------------------|-------------|----------|---------------------|----------------------------|
| | | | | Initial | Final | | | Initial | Final | | Initial | Final | | |
| 24-Dec-10 | Sunny | 18.1 | 1015.6 | 1.35 | 1.35 | 1.35 | 1938.24 | 2.7645 | 2.8834 | 0.1189 | 12270.12 | 12294.12 | 24.00 | 61.3 |

24-hour TSP Monitoring Results at Station AM3 (Roof of Switch Room at Riverain Bayside)

| Date | Weather Condition | Air Temp. (°C) | Atmospheric Pressure(hPa) | Flow Rate (m ³ /min.) | | Av. flow (m ³ /min) | Total vol. (m ³) | Filter Weight (g) | | Particulate weight(g) | Elapse Time | | Sampling Time(hrs.) | Conc. (µg/m ³) |
|-----------|-------------------|----------------|---------------------------|----------------------------------|-------|--------------------------------|------------------------------|-------------------|--------|-----------------------|-------------|----------|---------------------|----------------------------|
| | | | | Initial | Final | | | Initial | Final | | Initial | Final | | |
| 24-Dec-10 | Sunny | 18.1 | 1015.6 | 1.35 | 1.35 | 1.35 | 1941.12 | 2.7865 | 2.9150 | 0.1285 | 16001.59 | 16025.59 | 24.00 | 66.2 |

24-hour TSP Monitoring Results at Station AM4 (Roof of Tai Kwong Secondary School)

| Date | Weather Condition | Air Temp. (°C) | Atmospheric Pressure(hPa) | Flow Rate (m ³ /min.) | | Av. flow (m ³ /min) | Total vol. (m ³) | Filter Weight (g) | | Particulate weight(g) | Elapse Time | | Sampling Time(hrs.) | Conc. (µg/m ³) |
|-----------|-------------------|----------------|---------------------------|----------------------------------|-------|--------------------------------|------------------------------|-------------------|--------|-----------------------|-------------|----------|---------------------|----------------------------|
| | | | | Initial | Final | | | Initial | Final | | Initial | Final | | |
| 24-Dec-10 | Sunny | 18.1 | 1015.6 | 1.35 | 1.35 | 1.35 | 1942.56 | 2.7540 | 2.8965 | 0.1425 | 12129.36 | 12153.36 | 24.00 | 73.4 |