

## 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 <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    |                     |                            |
| 13-Nov-12 | Sunny             | 23.1           | 1016.3                    | 1.33                             | 1.33  | 1.33                           | 1916.6                       | 2.8040            | 2.9051 | 0.1011                | 18602.46    | 18626.46 | 24.00               | 52.7                       |

### 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 <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    |                     |                            |
| 13-Nov-12 | Sunny             | 23.1           | 1016.3                    | 1.33                             | 1.33  | 1.33                           | 1921.0                       | 2.8007            | 2.8961 | 0.0954                | 15175.12    | 15199.12 | 24.00               | 49.7                       |

### 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 <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    |                     |                            |
| 13-Nov-12 | Sunny             | 23.1           | 1016.3                    | 1.33                             | 1.33  | 1.33                           | 1917.4                       | 2.8169            | 2.9053 | 0.0884                | 18906.59    | 18930.59 | 24.00               | 46.1                       |

### 24-hour TSP Monitoring Results at Station AM4A (Roof of Switch Room at 168 Shek Kwu Lung Village)

| 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    |                     |                            |
| 13-Nov-12 | Sunny             | 23.1           | 1016.3                    | 1.34                             | 1.34  | 1.34                           | 1925.3                       | 2.8017            | 2.9763 | 0.1746                | 15034.36    | 15058.36 | 24.00               | 90.7                       |