

## 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    |                     |                            |
| 14-Jan-13 | Sunny             | 15.7           | 1019.1                    | 1.33                             | 1.33  | 1.33                           | 1916.6                       | 2.8046            | 2.9198 | 0.1152                | 18866.46    | 18890.46 | 24.00               | 60.1                       |

### 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    |                     |                            |
| 14-Jan-13 | Sunny             | 15.7           | 1019.1                    | 1.33                             | 1.33  | 1.33                           | 1921.0                       | 2.8040            | 2.8913 | 0.0873                | 15439.12    | 15463.12 | 24.00               | 45.4                       |

### 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    |                     |                            |
| 14-Jan-13 | Sunny             | 15.7           | 1019.1                    | 1.32                             | 1.32  | 1.32                           | 1905.1                       | 2.7960            | 2.8746 | 0.0786                | 19170.59    | 19194.59 | 24.00               | 41.3                       |

### 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    |                     |                            |
| 14-Jan-13 | Sunny             | 15.7           | 1019.1                    | 1.34                             | 1.34  | 1.34                           | 1925.3                       | 2.7307            | 2.9474 | 0.2167                | 15298.36    | 15322.36 | 24.00               | 112.6                      |