

## 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    |                     |                            |
| 10-Apr-12 | Sunny             | 23.8           | 1013.8                    | 1.34                             | 1.34  | 1.34                           | 1933.9                       | 2.7693            | 2.8179 | 0.0486                | 17690.46    | 17714.46 | 24.00               | 25.1                       |

### 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    |                     |                            |
| 10-Apr-12 | Sunny             | 23.8           | 1013.8                    | 1.35                             | 1.35  | 1.35                           | 1938.2                       | 2.782             | 2.8519 | 0.0699                | 14263.12    | 14287.12 | 24.00               | 36.1                       |

### 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    |                     |                            |
| 10-Apr-12 | Sunny             | 23.8           | 1013.8                    | 1.35                             | 1.35  | 1.35                           | 1941.1                       | 2.7776            | 2.8238 | 0.0462                | 17994.59    | 18018.59 | 24.00               | 23.8                       |

### 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    |                     |                            |
| 10-Apr-12 | Sunny             | 23.8           | 1013.8                    | 1.35                             | 1.35  | 1.35                           | 1942.6                       | 2.7763            | 2.8575 | 0.0812                | 14122.36    | 14146.36 | 24.00               | 41.8                       |