

## Impact Air Quality Monitoring Results

### 24-hour TSP Monitoring Results at Station AM2 (Fanling Government Secondary School)

| 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> ) | Actino Level (µg/m <sup>3</sup> ) | Limit Level (µg/m <sup>3</sup> ) |
|-----------|-------------------|----------------|---------------------------|----------------------------------|-------|--------------------------------|------------------------------|-------------------|--------|-----------------------|-------------|---------|---------------------|----------------------------|-----------------------------------|----------------------------------|
|           |                   |                |                           | Initial                          | Final |                                |                              | Initial           | Final  |                       | Initial     | Final   |                     |                            |                                   |                                  |
| 2-Apr-14  | Rainy             | 19.4           | 1011.9                    | 1.314                            | 1.314 | 1.314                          | 1892.2                       | 2.7261            | 2.7737 | 0.0476                | 3753.02     | 3777.02 | 24.00               | 25.2                       | 200.7                             | 260                              |
| 8-Apr-14  | Fine              | 19.9           | 1014.6                    | 1.314                            | 1.314 | 1.314                          | 1892.2                       | 2.7022            | 2.7696 | 0.0674                | 3777.02     | 3801.02 | 24.00               | 35.6                       | 200.7                             | 260                              |
| 14-Apr-14 | Sunny             | 22.8           | 1014.7                    | 1.314                            | 1.314 | 1.314                          | 1892.2                       | 2.6934            | 2.7748 | 0.0814                | 3801.02     | 3825.02 | 24.00               | 43.0                       | 200.7                             | 260                              |
| 17-Apr-14 | Fine              | 24.1           | 1012.0                    | 1.314                            | 1.314 | 1.314                          | 1892.2                       | 2.7491            | 2.8394 | 0.0903                | 3825.02     | 3849.02 | 24.00               | 47.7                       | 200.7                             | 260                              |
| 23-Apr-14 | Cloudy            | 22.4           | 1012.3                    | 1.314                            | 1.314 | 1.314                          | 1892.2                       | 2.7202            | 2.8035 | 0.0833                | 3849.02     | 3873.02 | 24.00               | 44.0                       | 200.7                             | 260                              |
| 29-Apr-14 | Sunny             | 23.9           | 1013.1                    | 1.314                            | 1.314 | 1.314                          | 1892.2                       | 2.7230            | 2.8031 | 0.0801                | 3873.02     | 3897.02 | 24.00               | 42.3                       | 200.7                             | 260                              |