

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 | | |
| Construction Phase EM&A Programme for Contract 1 of the Project was completed on 15 July 2014. No monitoring has been carried out beyond 15 July 2014. | | | | | | | | | | | | | | |

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 | | |
| Construction Phase EM&A Programme for Contract 1 of the Project was completed on 15 July 2014. No monitoring has been carried out beyond 15 July 2014. | | | | | | | | | | | | | | |

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 | | |
| Construction Phase EM&A Programme for Contract 1 of the Project was completed on 15 July 2014. No monitoring has been carried out beyond 15 July 2014. | | | | | | | | | | | | | | |

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 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 | | |
| 5-Sep-14 | Sunny | 29.7 | 1007.2 | 1.33 | 1.33 | 1.33 | 1918.1 | 2.7085 | 2.7470 | 0.0385 | 17842.59 | 17866.59 | 24.00 | 20.1 |
| 11-Sep-14 | Sunny | 30.3 | 1008.0 | 1.33 | 1.33 | 1.33 | 1918.1 | 2.7800 | 2.8030 | 0.0230 | 17866.59 | 17890.59 | 24.00 | 12.0 |
| 15-Sep-14 | Cloudy | 29.2 | 1001.8 | 1.33 | 1.33 | 1.33 | 1918.1 | 2.7993 | 2.8464 | 0.0471 | 17890.59 | 17914.59 | 24.00 | 24.6 |
| 20-Sep-14 | Sunny | 29.2 | 1004.0 | 1.33 | 1.33 | 1.33 | 1918.1 | 2.7770 | 2.8633 | 0.0863 | 17914.59 | 17938.59 | 24.00 | 45.0 |
| 26-Sep-14 | Fine | 28.4 | 1012.5 | 1.33 | 1.33 | 1.33 | 1918.1 | 2.7726 | 2.8299 | 0.0573 | 17938.59 | 17962.59 | 24.00 | 29.9 |
| 30-Sep-14 | Fine | 29.6 | 1011.1 | 1.33 | 1.33 | 1.33 | 1918.1 | 2.7490 | 2.7861 | 0.0371 | 17962.59 | 17986.59 | 24.00 | 19.3 |