

## 24-hour TSP Monitoring Result for Kai Tak Development - Stage 3 Infrastructure Works for Developments at the Southern Part of the Former Runway

### KTD1a - Centre of Excellence in Paediatrics (Children's Hospital)

Start Date	Weather Condition	Air Temperature (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Sampling Time(hrs)	Flow Rate (m <sup>3</sup> /min.)		Average flow (m <sup>3</sup> /min.)	Total volume (m <sup>3</sup> )	Conc. (ug/m <sup>3</sup> )	Action Level (ug/m <sup>3</sup> )	Limit Level (ug/m <sup>3</sup> )	
				Initial	Final			Initial	Final						
3-Jun-17	Fine	303.0	752.1	2.8410	3.1249	0.2839	24	1.64	1.67	1.66	2384.2	119	177	260	
9-Jun-17	Fine	303.0	756.8	2.8396	3.0853	0.2457	24	1.49	1.51	1.50	2156.8	114			
15-Jun-17	Cloudy	302.0	755.7	2.8252	2.9699	0.1447	24	1.55	1.57	1.56	2250.5	64			
21-Jun-17	Cloudy	300.4	750.4	2.8059	2.9392	0.1333	24	1.55	1.57	1.56	2250.2	59			
27-Jun-17	Cloudy	302.5	757.1	2.8127	2.9678	0.1551	24	1.49	1.51	1.50	2158.0	72			
												Min	59		
												Max	119		
												Average	86		

### KTD2a - G/C Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)

Start Date	Weather Condition	Air Temperature (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Sampling Time(hrs)	Flow Rate (m <sup>3</sup> /min.)		Average flow (m <sup>3</sup> /min.)	Total volume (m <sup>3</sup> )	Conc. (ug/m <sup>3</sup> )	Action Level (ug/m <sup>3</sup> )	Limit Level (ug/m <sup>3</sup> )	
				Initial	Final			Initial	Final						
3-Jun-17	Fine	303.0	752.1	2.8453	2.9368	0.0915	24	1.36	1.38	1.37	1977.8	46	157	260	
9-Jun-17	Fine	303.0	756.8	2.8404	2.9413	0.1009	24	1.26	1.27	1.27	1823.7	55			
15-Jun-17	Cloudy	302.0	755.7	2.8071	2.8691	0.0620	24	1.55	1.57	1.56	2245.6	28			
21-Jun-17	Cloudy	300.4	750.4	2.7907	2.8399	0.0492	24	1.26	1.27	1.27	1824.5	27			
27-Jun-17	Cloudy	302.5	757.1	2.8142	2.8404	0.0262	24	1.19	1.20	1.19	1719.6	15			
												Min	15		
												Max	55		
												Average	34		

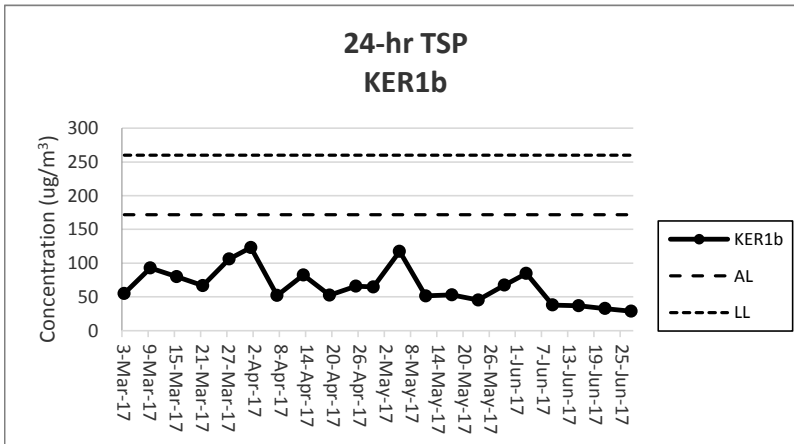
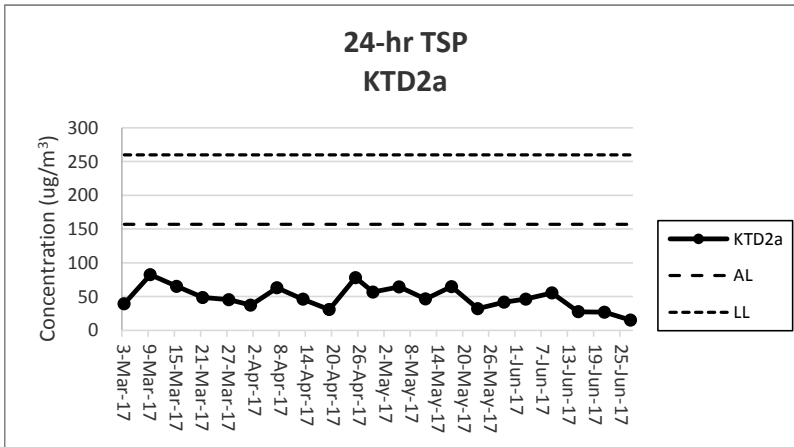
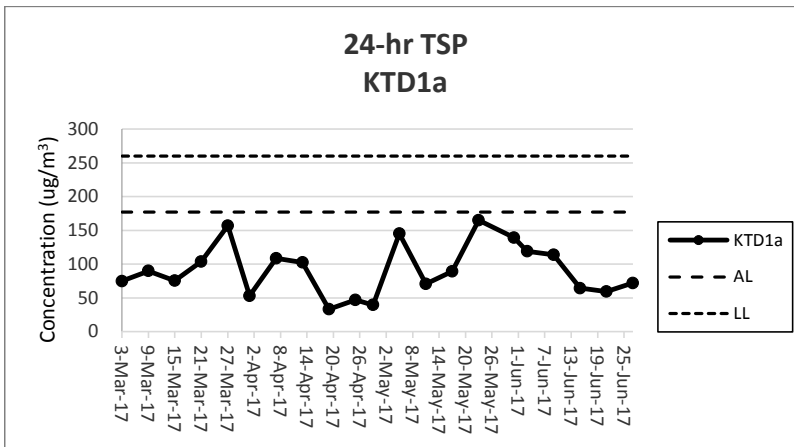
### KER1b - Site Boundary at Cheung Yip Street

Start Date	Weather Condition	Air Temperature (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Sampling Time(hrs)	Flow Rate (m <sup>3</sup> /min.)		Average flow (m <sup>3</sup> /min.)	Total volume (m <sup>3</sup> )	Conc. (ug/m <sup>3</sup> )	Action Level (ug/m <sup>3</sup> )	Limit Level (ug/m <sup>3</sup> )	
				Initial	Final			Initial	Final						
3-Jun-17	Fine	303.0	752.1	2.8393	3.0026	0.1633	24	1.33	1.35	1.34	1927.1	85	172	260	
9-Jun-17	Fine	303.0	756.8	2.8505	2.9104	0.0599	24	1.09	1.10	1.09	1576.5	38			
15-Jun-17	Cloudy	302.0	755.7	2.8116	2.8697	0.0581	24	1.09	1.10	1.10	1577.4	37			
21-Jun-17	Cloudy	300.4	750.4	2.7898	2.8412	0.0514	24	1.09	1.10	1.10	1577.2	33			
27-Jun-17	Cloudy	302.5	757.1	2.7833	2.8238	0.0405	24	0.97	0.98	0.97	1400.4	29			
												Min	29		
												Max	85		
												Average	44		

Note:

Underline: Exceedance of Action Level

Underline and Bold: Exceedance of Limit Level



Note:

- 1) The major activities being carried out on site during the reporting period can be referred to Section 1.3.2.
- 2) The weather conditions during the reporting period can be referred to Appendix K.
- 3) Any other factors which might affect the monitoring results can be referred to Section 2.6.4.
- 4) QA/QC results, calibration results and detection limits can be referred to Appendix D.